

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE _____ WATER SANDS _____ LOCATION INSPECTION _____ SUB. REPORT/abd. _____

This well was completed as an oil well. Oct. 21, 1982 approval to convert to water injection well.

931013 chg'd to gas producer

DATE FILED August 31, 1981 (NID) September 7, 1982 (UIC application)

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-0823 _____ INDIAN _____

DRILLING APPROVED: 9-15-81

SPUDDED IN: 1-24-82

6-18-82

COMPLETED: 6-18-82 9-3-82 PUT TO PRODUCING: N/A Commenced injection 10-25-82

INITIAL PRODUCTION: N/A Initial injection rate 2500 B/D working=800 19 BOPD, 23 MCF, 26 BOPD

GRAVITY A.P.I. 28

GOR: _____

PRODUCING ZONES: Green River 5163-5397: Recompleted WIW injection zones 5163-3297 (GRRV)

TOTAL DEPTH: 6051 PBD 5970'

WELL ELEVATION: KB 5602' 5584 GR

DATE ABANDONED: _____

FIELD: Red Wash

UNIT: Red Wash

COUNTY: Uintah

WELL NO. 281 (11-25B)

43-041-31078

LOCATION 2125' 515' ANL FT. FROM (N) LINE.

662' FWL

FT. FROM (E) (W) LINE.

NWNW

1/4 - 1/4 SEC. 25

✓

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				7S	23E	25	CHEVRON USA, INC.

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pliocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocene	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
	Dakota	Park City	McCracken
	Burro Canyon	Rico (Goodridge)	Aneth
	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
	JURASSIC	CARBON I FEROUS	North Point
Wasatch	Morrison	Pennsylvanian	SILURIAN
Stone Cabin	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafael Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta		PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRI		

Surface

2650

5490

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CHEVRON U.S.A. INC.

3. ADDRESS OF OPERATOR

P. O. Box 599 - Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

515' FNL & 622' FWL

NW NW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

± 18 miles southeast of Jensen, Utah

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

5,800'

16. NO. OF ACRES IN LEASE

Within Unit

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2,700'

19. PROPOSED DEPTH

6050'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 5584

22. APPROX. DATE WORK WILL START*

January 25, 1982

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	To surface
7-7/8"	5-1/2"	15.5#	TD	As required

It is proposed to drill this Development Well to a depth of 6050' to test the Green River Formation.

Attachments:

Certified Plat
Drilling Procedure
Chevron Class III BOPE Requirements
Multi-Point Surface Use Plan
Proposed Completion. Procedure
Equipment Location Schematic

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 9/5/81BY: [Signature]

3-USGS
2-State
3-Partners
1-JAH
1-ALF
1-MEC
1-Sec. 723
1-File

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED [Signature]TITLE Engineering AssistantDATE Aug. 31, 1981

(This space for Federal or State office use)

PERMIT NO. _____

APPROVAL DATE _____

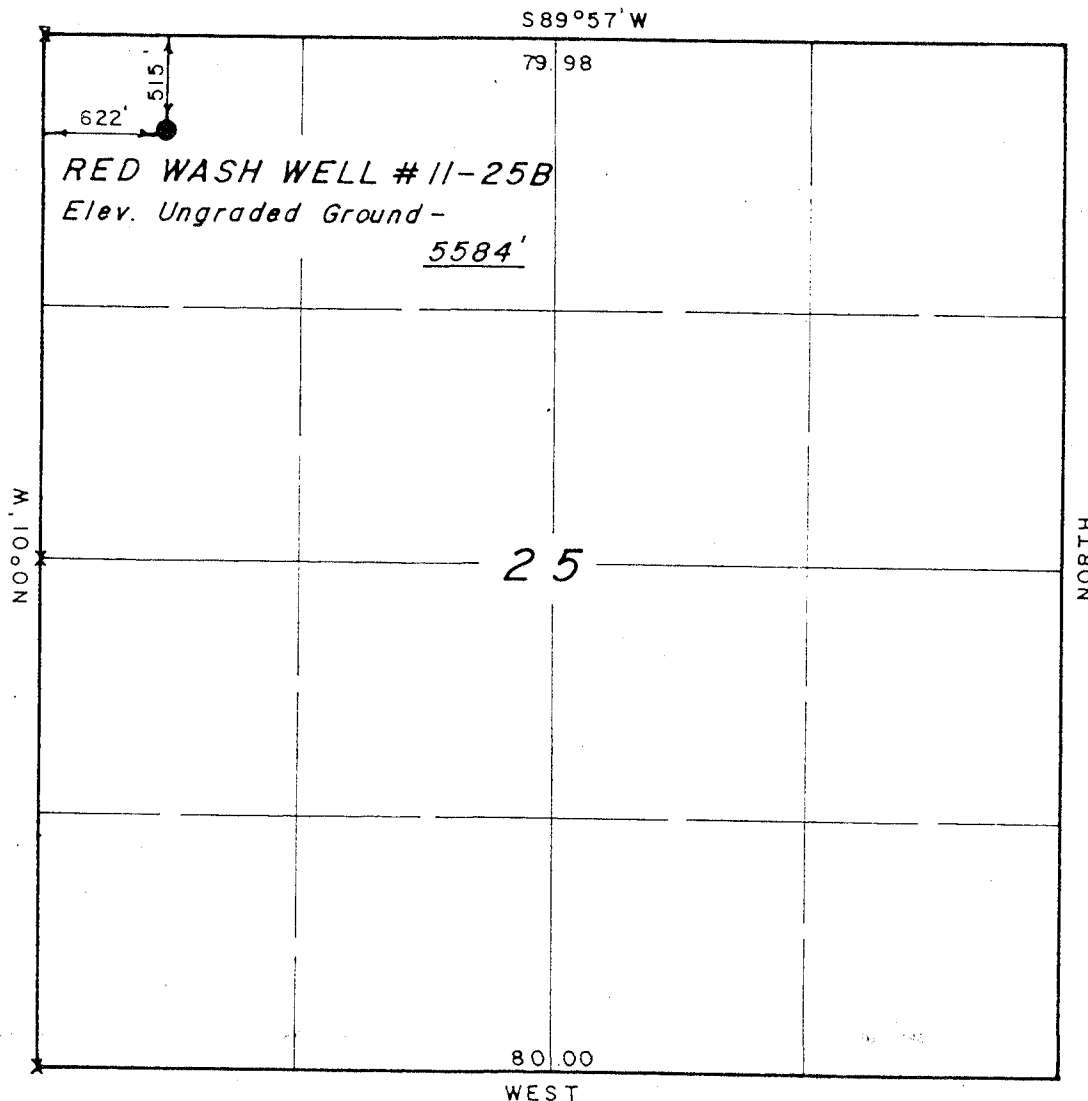
APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T7S, R23E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED
LOCATION: N14°31'26"W - 149.902'

PROJECT
CHEVRON U.S.A., INC.

Well location, *Red Wash Well*
11-25B, located as shown in the
NW 1/4 NW 1/4, Section 25, T7S,
R23E, S.L.B.&M., Uintah County,
Utah.

NOTE:

Elev. Ref. Pt. S85°01'43"E - 200' = 5578.44'
" " - 250' = 5580.59'
" N 4°58'17"E - 225' = 5589.32'
" " - 275' = 5589.99'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. Gendall
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW RS	REFERENCES GLO PLAT
WEATHER FAIR, 2-10-81	FILE

United States Department of the Interior
 Geological Survey
 2000 Administration Bldg.
 1745 West 1700 South
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Chevron, U.S.A., Inc.
 Project Type Oil Well
 Project Location 515' FNL & 622' FWL - Section 25, T. 7S, R. 23E
 Well No. 281 (11-25B) Lease No. U-0823
 Date Project Submitted September 3, 1981

FIELD INSPECTION

Date September 16, 1981

Field Inspection
 Participants

Greg Darlington - USGS, Vernal; Cory Bodman - BLM, Vernal;
Jim Harvey, Tony Gutierrez, Randy Hervey - Chevron; Floyd
Murray, Allen Lee - D. E. Casada; Mr. Robbins - Robbins
Construction; Leonard Heeney - Ross Construction; Nelson
Marshall - Uintah Engineering

Related Environmental Documents: Unit Resource Analysis, Bonanza Planning Unit,
BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

September 24, 1981

Date Prepared

Gregory Darlington

Environmental Scientist

I concur

SEP 25 1981

Date

W. T. Martin

District Supervisor

FOR E. W. GUYNN
 DISTRICT OIL & GAS SUPERVISOR

Typing In 9-21-81 Typing Out 9-21-81

PROPOSED ACTIONS:

Chevron plans to drill the 281 (11-25B) well, a 6050' oil test of the Green River Formation. A new access road of 600' length is needed to reach existing roads. A pad 225' x 375' with an additional 75' x 200' is requested for the area of operations for the proposed project.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1,2,4,6	September 16, 1981	
Unique charac- teristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant							1,2,4,6		
National Register historic places							1,6		
Endangered/ threatened species							1,6		
Violate Federal, State, local, tribal law							1,2,4,6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*



South View

11-25 F Chevron

606-81



United States Department of the Interior

IN REPLY REFER TO

T&R
U-802

BUREAU OF LAND MANAGEMENT
Vernal District Office
170 South 500 East
Vernal, Utah 84078

September 21, 1981

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Chevron U.S.A. Inc.
Well #270 (22-35B)
Sec. 35, T7S, R23E
Well #271 (42-35B)
Sec. 35, T7S, R23E
Well #274 (13-25B)
Sec. 25, T7S, R23E
Well #282 (42-26B)
Sec. 26, T7S, R23E
Well #281 (11-25B)
Sec. 25, T7S, R23E
Well #275 (31-26B)
Sec. 26, T7S, R23E
Well #11-26B
Sec. 26, T7S, R23E
Well #11-35B
Sec. 35, T7S, R23E

Dear Sir:

A joint field examination was made on September 16, 1981, of the above referenced well site location and proposed access road. We feel that the surface use and operating plans are adequate with the following revisions and stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration".
2. Travelling off access road right-of-ways will not be allowed. The maximum width of access pads (both existing and planned) will be



30 feet total disturbed area. Roads will be crowned and properly maintained. Turn-outs will not be required.


3. The BLM will be notified at least 24 hours prior to any construction.
4. Burn pits will not be constructed. There will be no burning or burying of trash or garbage at the well sites. Refuse must be contained in trash cages and hauled to an approved disposal site.
5. A wire mesh or net type of fence, topped with at least one strand of barbed wire, will be used around the reserved pits.
6. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.
7. It was agreed to by all parties present that the applied for dimensions are adequate to handle all drilling and fracturing operations.
8. If production is established, production facilities will be painted so that they blend in with the surrounding environment.
9. The top 6 inches of topsoil will be stockpiled between reference corner #1 and #9 at wells #275 (31-26B), #282 (42-26B), and #271 (42-35B).
10. The top 6 inches of topsoil will be stockpiled between reference corners #2 and #3 at wells #274 (13-25B), and #270 (22-35B).
11. The top 6 inches of top soil at well #281 (11-25B) will be stockpiled between reference corners #7 and #8, at well #11-35B between corners #1 and #2, at well #11-26B between corners #6 and #7.

No cultural resource materials were found at any of the well sites.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna or their habitats as long as the above stipulations are adhered to.

The BLM representative will be Cory Bodman, 789-1362.

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

DRILLING PROCEDURE

Field Red Wash Well 281 (11-25B)
 Location NE¹/₄ NW¹/₄ Section 35, T7S, R23E Uintah County, Utah
 Drill X Deepen Elevation: GL 5590 KB 5610' Total Depth 6050'
 Non-Op Interests Gulf 1.18%, Caulkins .885%, Buttram .295%

1. Name of surface formation: Uinta

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
Green River	2700 (+2910)	KB	5185 (+425)
J	5010 (+600)	LH	5500 (+110)
K	5125 (+485)	TW	5535 (+75)

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations:

Formation	Depth	Type	Formation	Depth	Type
Green River	5190 (+420)				

4. Casing Program (O = old, N = new):

	Surface	O/N	Intermediate	O/N	Oil String/ Liner	O/N
Hole Size	12-1/4"				7-7/8"	
Pipe Size	8-5/8"	N			5-1/2"	N
Grade	K-55				K-55	
Weight	24#				15.5#	
Depth	300'				TD	
Cement	To surface				As required	
Time WOC	6 Hrs.				12 Hrs.	
Casing Test	1,000				2,000	
BOP						
Remarks						

5. BOPE: Chevron Class III 3000 PSI MSP

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
0-300	Gel Water	-	-	
300-2600	Water	-	-	
2600-TD	Gel Chem	± 9.0 ppG.	± 40 Sec.	± 6cc below 5000'

7. Auxiliary Equipment: Kelly cock & drill pipe safety valve.

8. Logging Program:

Surface Depth	
Intermediate Depth	
Oil String Depth	
Total Depth	SP-DIL-SFL base surface csg. to TD, GR-CNL-FDL- Cal 2500 to TD RFT 10 Levels

9. Mud Logging Unit: A conventional 2-man unit 2500' to TD
 Scales: 2" = 100' to ; 5" = 100' 2500' to TD

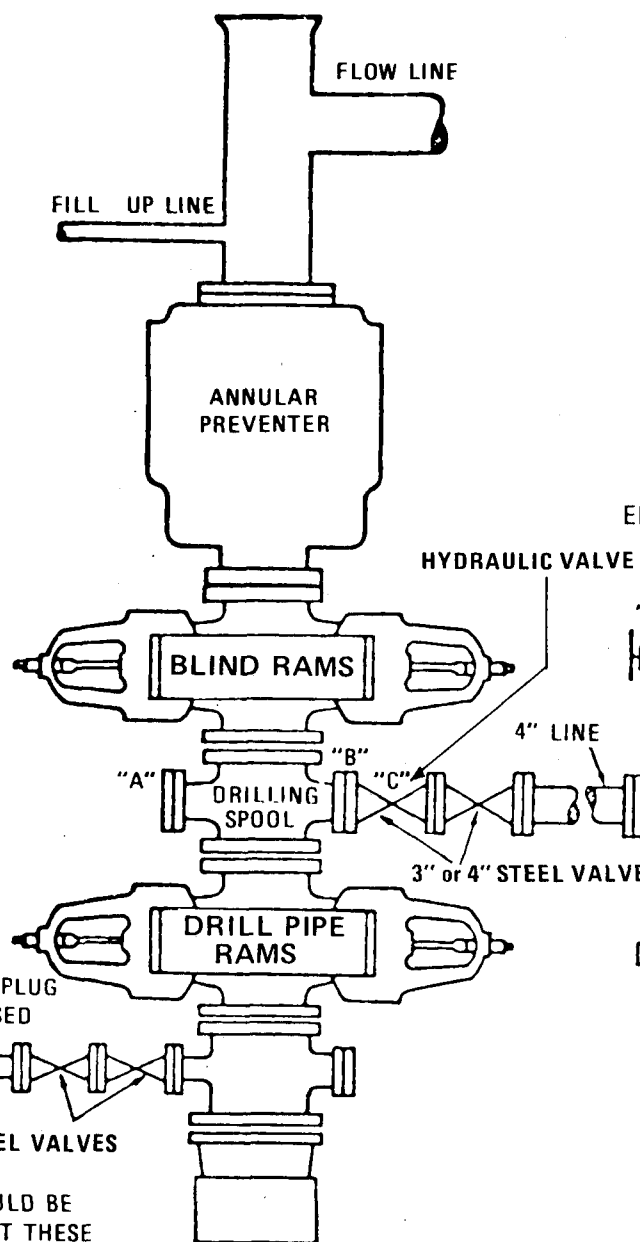
10. Coring & Testing Program:

	Formations	Approximate Depth	Approximate Length of Core
Core <u> </u> DST <u> </u>			
Core <u> </u> DST <u> </u>			

11. Anticipated Bottom Hole Pressure/Temperatures/Hazards and plans for mitigating:
BHP 2400 psi BHT 120°F

12. Completion & Remarks: To be determined from logs.

Division Development Geologist W. B. 9/1/8 Division Drilling Superintendent
 Chief Development Geologist Date WS-44



WHILE DRILLING, BOTH PLUG VALVES ARE KEPT CLOSED

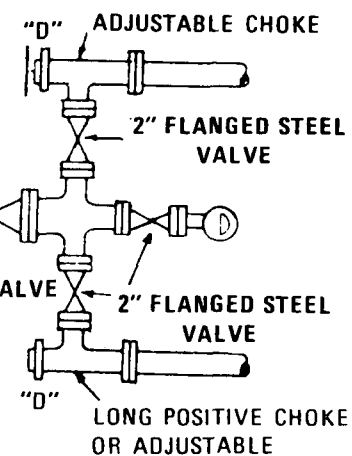
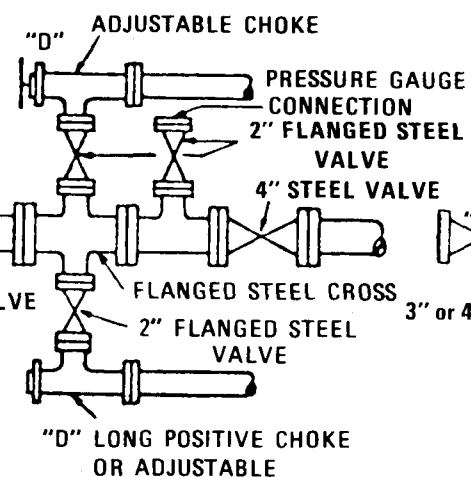
CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

EMERGENCY FLOW HOOKUP

* ALTERNATE CHOKE MANIFOLD

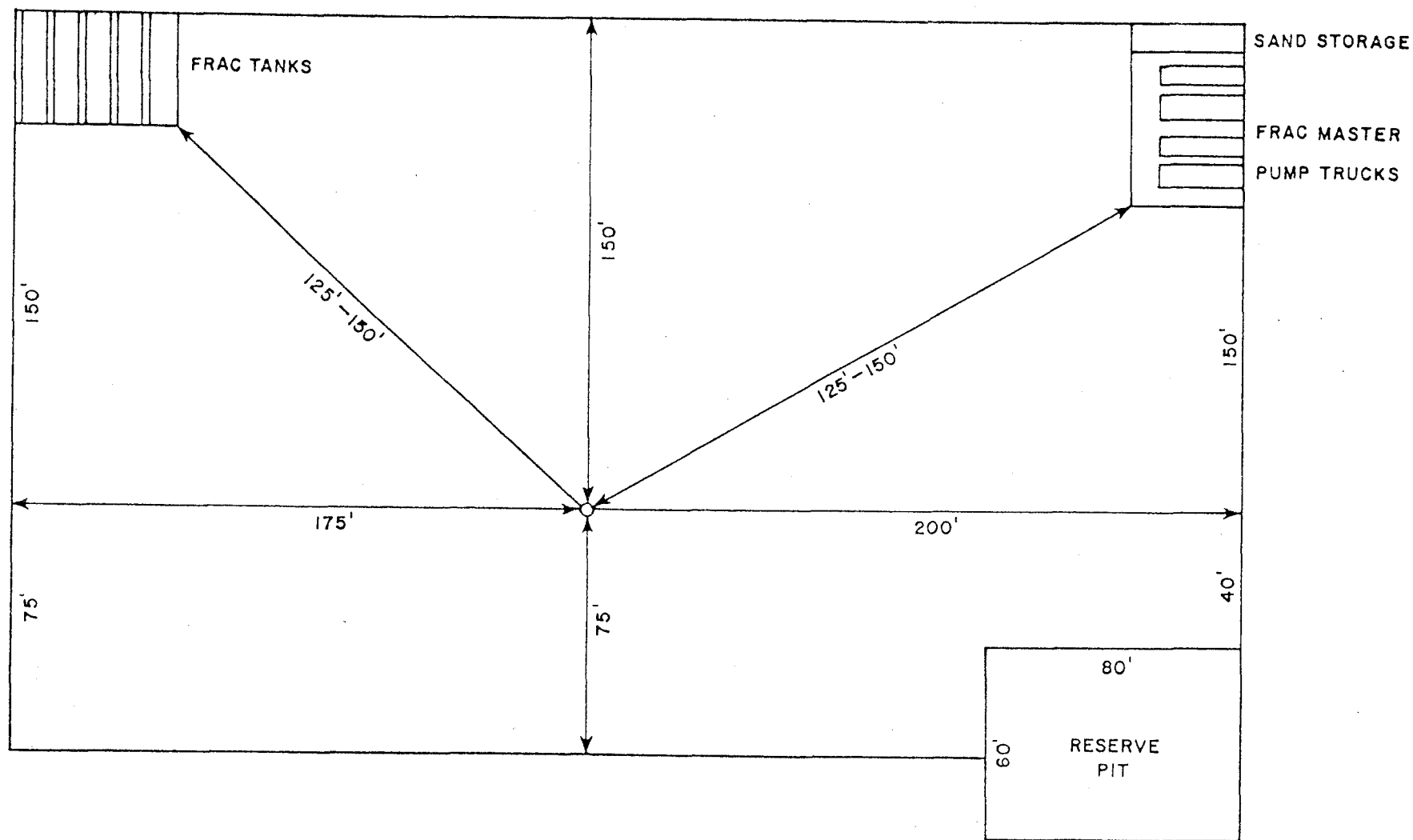


AN EXTRA SET OF DRILL PIPE RAMS WILL BE ON LOCATION AT ALL TIMES.

Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

RED WASH UNIT
COMPLETION PROCEDURE ON
DEVELOPMENT DRILLING WELLS

1. MI & RU. NU BOPE. Clean out to PBTD. Displace hole w/2% KCl water. Run Gamma Ray-CBL log.
2. RIH w/RBP, packer & tubing. Selectively straddle intervals as determined from log analysis of Green River Formation Sands. Swab down tubing to within 1000' of packer. RIH w/thru-tubing gun to perforate the selected Green River Formation intervals.
3. Acidize the perforated intervals w/inhibited 15% HCL acid containing additives for emulsion and scale control. Swab back spent acid-water immediately. Continue to swab to determine fluid content of perforated intervals.
4. Repeat Steps 2 and 3 to selectively test additional intervals in the Green River Formation. Any nonproductive intervals tested will be excluded by cement and/or a cast iron bridge plug.
5. Depending upon the results of the swab tests, the intervals tested will either be fracture stimulated individually or altogether. For an oil well completion, the fracture fluid will be a mixture of 60-70% Rangely crude oil and 30-40% KCl (2%) water. The fluid will be emulsified and gelled using appropriate additives. 100 mesh sand will be used as a fluid loss additive, and 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated. For a gas well completion, the fracture fluid will be a 2% KCl water containing additives and gelled with 5% methanol. 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated.
6. Clean out to PBTD.
7. Place well on production.



TYPICAL RED WASH LOCATION

CHEVRON U.S.A. INC.
RED WASH UNIT 281, (11-25B)
UINTAH COUNTY, UTAH
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

A-F. See Exhibits "A", "B" and "D". We do not plan to change, alter or improve upon any existing roads.

- (1) From Vernal, Utah, take U. S. Highway 40 S.E. for 12 miles. At this point, right after you cross the Green River, you intersect with County Road 264, take 264 for 17½ miles south to the Chevron Red Wash Office. From here you go east for ¾'s of a mile and then 1¼ miles to the south and east to the proposed access road entrance.

2. PLANNED ACCESS ROADS

See Exhibits "A", "B" and "D". From the access road entrance as stated under "Existing Roads", the proposed access road will go southeasterly for approximately 600'.

- A. Width - 20'.
- B. Maximum Grade - 8% if necessary.
- C. Turnouts - None.
- D. Drainage Design - Roads to be placed and constructed so that minimal drainage alterations will be made.
- E. No major cuts and fills.
- F. Surfacing Materials - Gravel if necessary.
- G. Gates - Cattleguards - Fence Cuts - None.

3. LOCATION OF EXISTING WELLS

See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. 1-6 See Exhibit "D".
- B. 1-4 Install new flowline from subject well to appropriate collection station as shown on Exhibit "D". Flowline will be 3" plain end welded line pipe. Normal construction procedures will be used. When warranted, fences, flagging, etc., will be used to protect animals.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by appropriate BLM personnel.

5. LOCATION AND TYPE OF WATER SUPPLY

A-C. Water supplied to the location will be piped through temporary surface lines from the appropriate collection stations or nearest line. These will be removed after drilling and completion operations. See Exhibit "D".

6. SOURCE OF CONSTRUCTION MATERIALS

A-D. All land is Federal land. All gravel, cement, etc., needed on the location will come commercially from the Vernal, Utah area. Access road needed is shown on Exhibits "A", "B" and "D".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in reserve pits.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in the subsurface with proper chemical treatment.
- E. Garbage and other combustible materials will be incinerated in a safe incinerator and non-combustibles will be retained in a portable metal disposal container and hauled periodically to an approved disposal dump.
- F. After the rig has moved from the well site, all waste material will be either buried or removed to an approved disposal dump.

8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of two trailers to be located on the drilling location.

9. WELL SITE LAYOUT

- 1-3. See Exhibit "C".
- 4. Pits will not be lined.

10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to

maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

- B. Reseeding will be performed as directed by the BLM.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed, burned or overhead flagged as dictated by then existing conditions.
- E. The well will be completed during 1982. Rehabilitation will commence following completion of the well.

11. OTHER INFORMATION

- A. The well is located on hilly and rocky terrain. Vegetation consists of small sagebrush, natural grasses and some small trees on and around the locations. The soil is a poorly developed semi-arid, thin topsoil layer over the Uintah formation.
- B. Surface use activities other than the oil well facilities consist of livestock grazing as assigned by BLM.
- C. There are no water bodies or occupied dwellings near the well sites. Archaeological, historical and cultural sites may be determined by the BLM during the field inspection.

12. COMPANY REPRESENTATIVE

B. L. Haynes
P. O. Box 599
Denver, CO 80201
(303) 759-7527

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its Contractors and Subcontractors in conformity with this plan and the terms and conditions under which it is approved.

7-13-81
Date

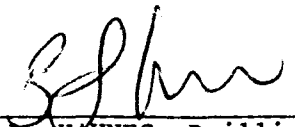

B. L. HAYNES, Drilling Manager

Exhibit "A" - Proposed Access Road
Exhibit "B" - Proposed Location
Exhibit "C" - Location Layout and Cut and Fill
Exhibit "D" - Existing Wells and Existing and Proposed Facilities

17.5 MILES TO US 40
29.5 MILES TO VERVAL

2 MILES

PROPOSED LOCATION

RED WASH # 11-25-B

PROPOSED ACCESS Rd.

(600')

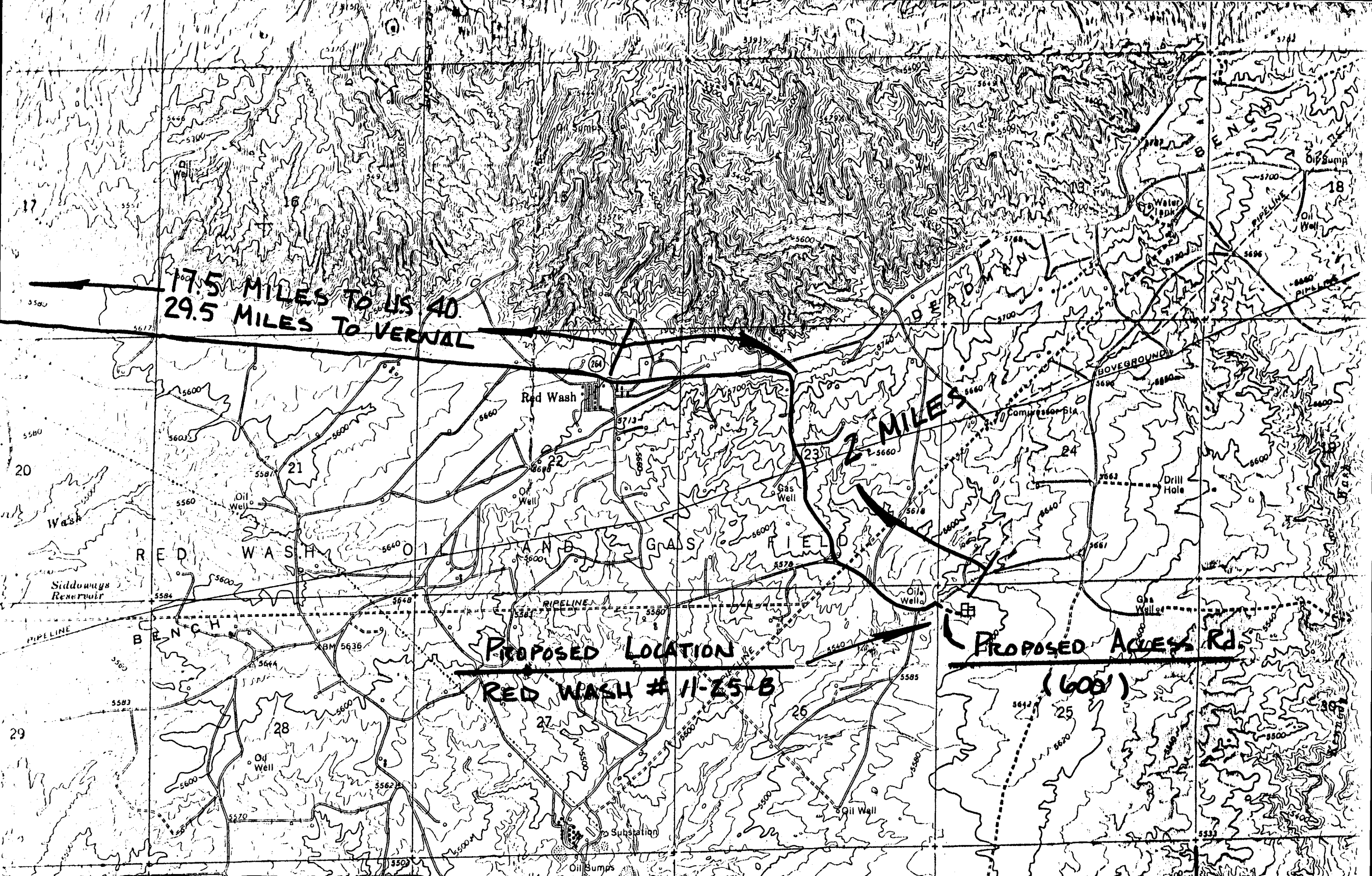
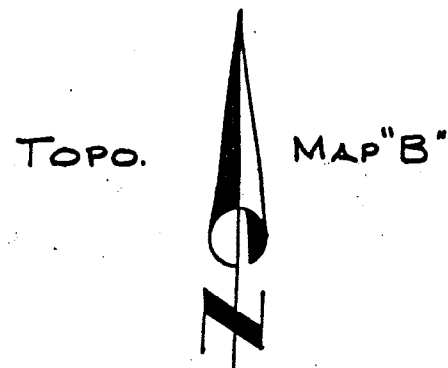


EXHIBIT "A"
CHEVRON U.S.A. INC.
RED WASH # 11-25-B
PROPOSED LOCATION



SCALE: 1" = 2000'

ROAD CLASSIFICATION

Secondary highway, all weather, Light-duty road, all weather,
hard surface

Unimproved road, fair or dry
weather

○ State Route

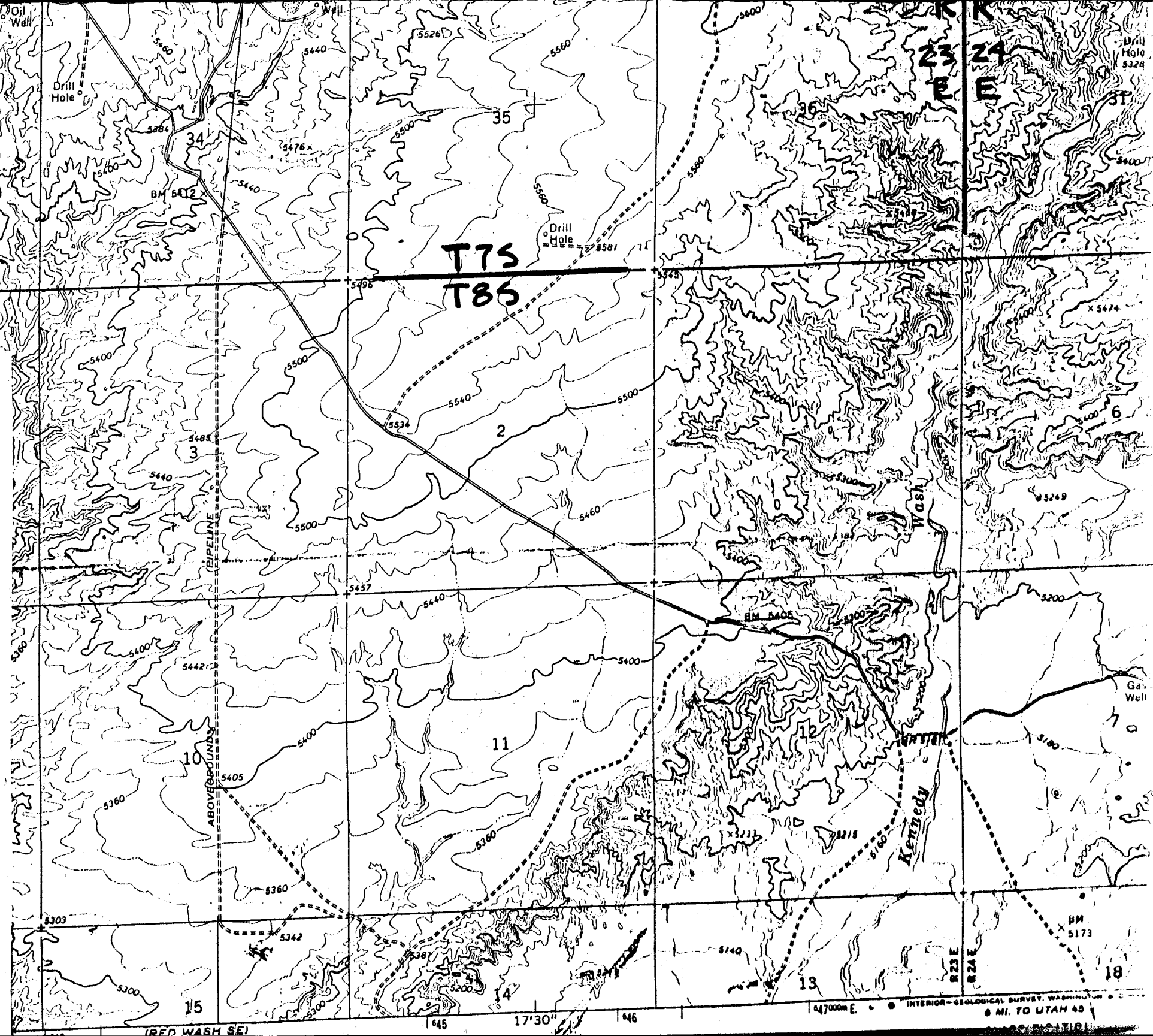
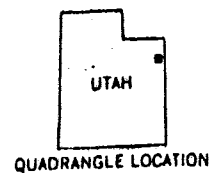
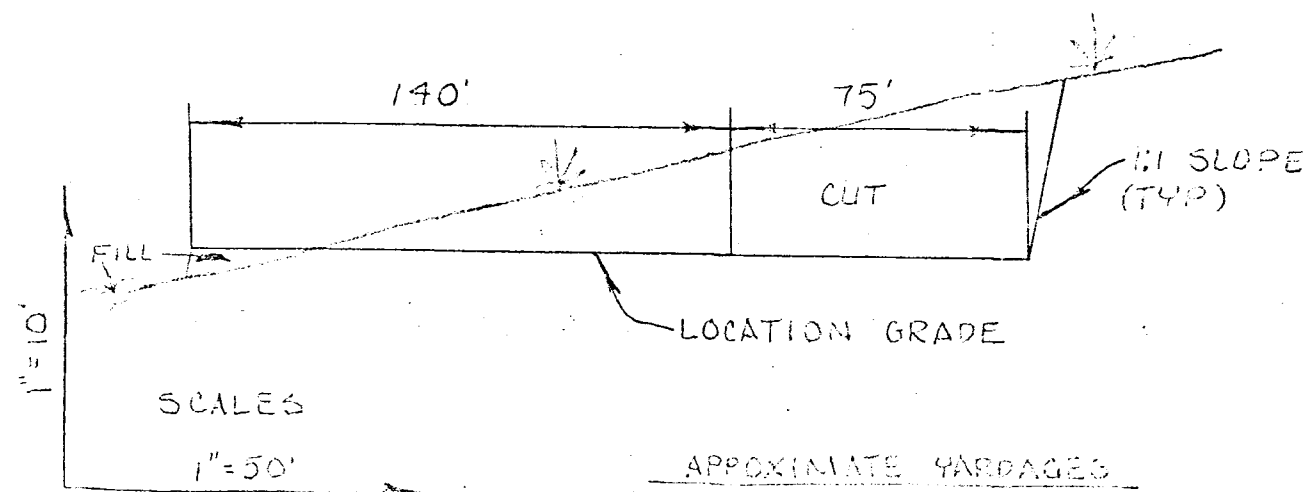
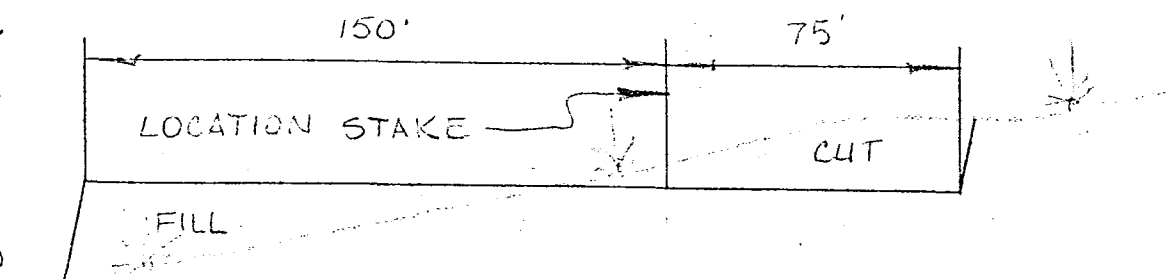
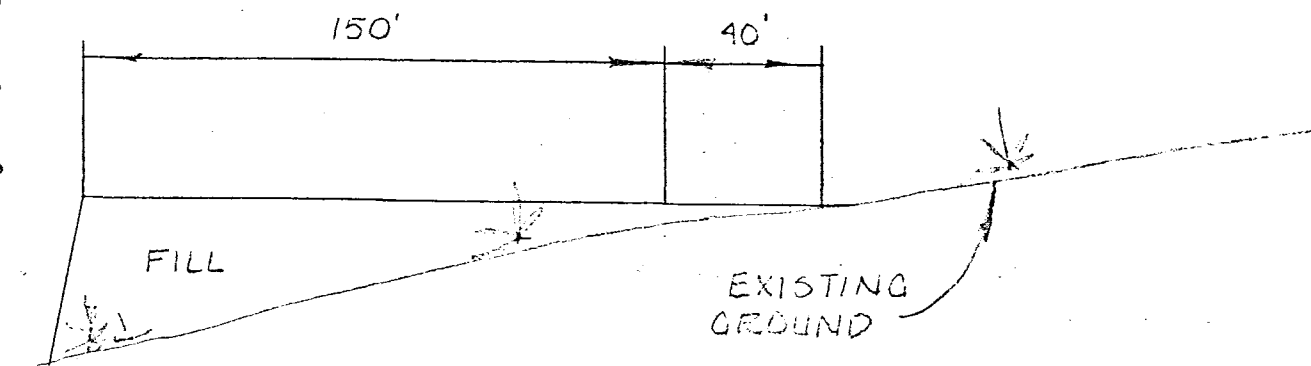


EXHIBIT "C"

CHEVRON U.S.A. INC.

WELL LOCATION - RED WASH, #11-25-B
NW 1/4 NW 1/4, SECTION 25, T7S, R23E, SLM.

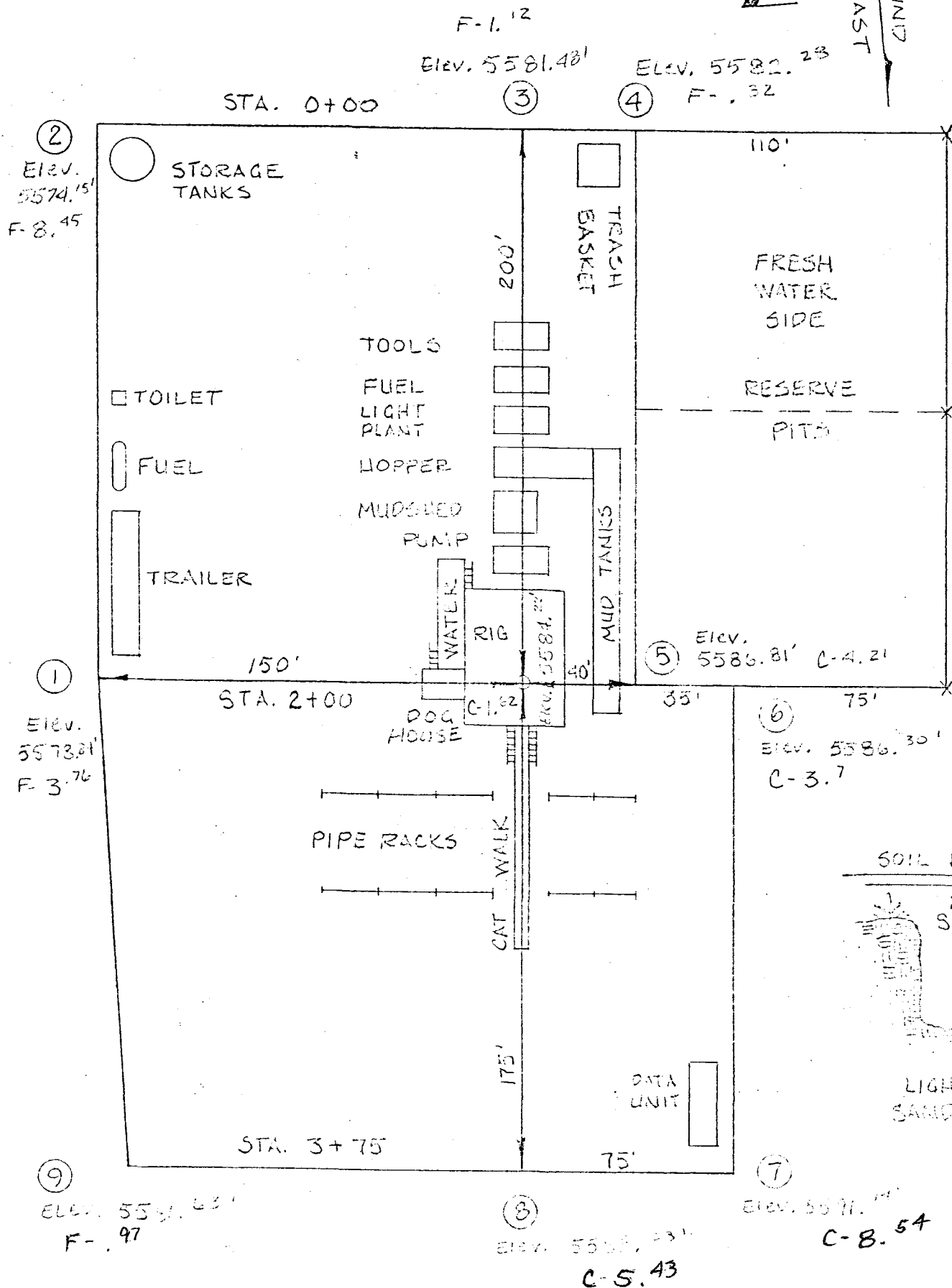
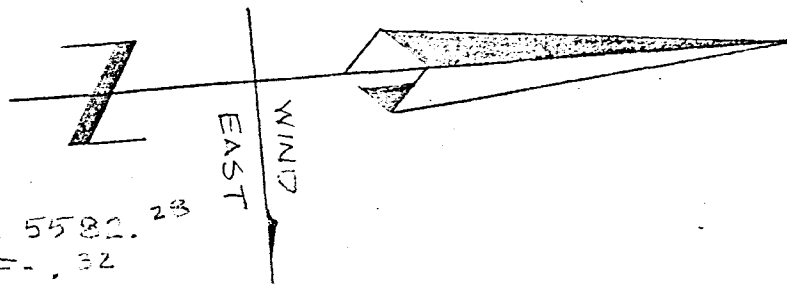
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APPROXIMATE YARDAGES

CUT 4529.1250

FILL 4356.7034



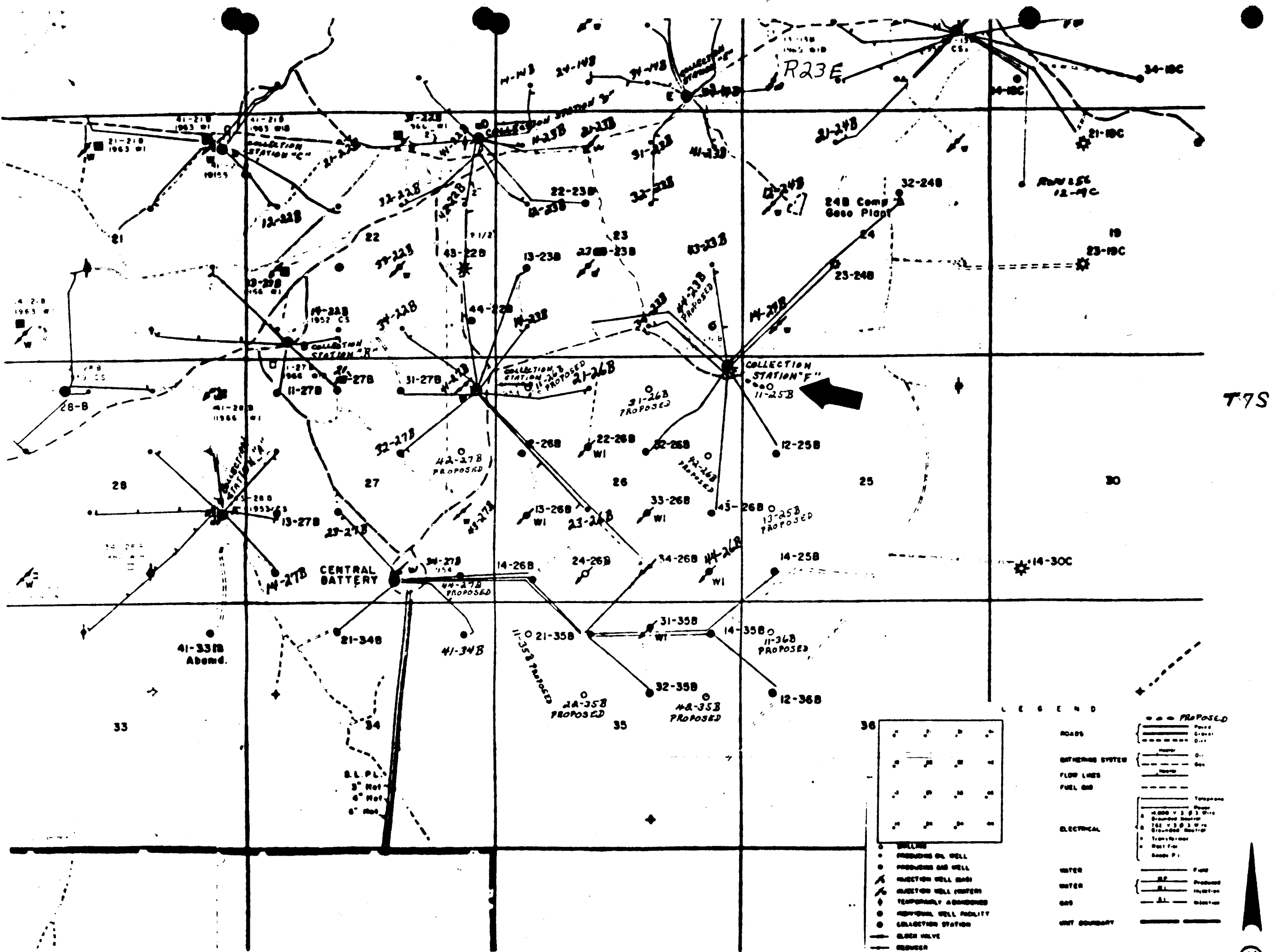


Exhibit "D"

Chevron U.S.A. Inc.

Red Wash Unit 281 (11-25B)

NW¼, NW¼, Sec. 25, T7S, R23E

EXHIBIT "B"
CHEVRON U.S.A. INC.
RED WASH #11-25-E

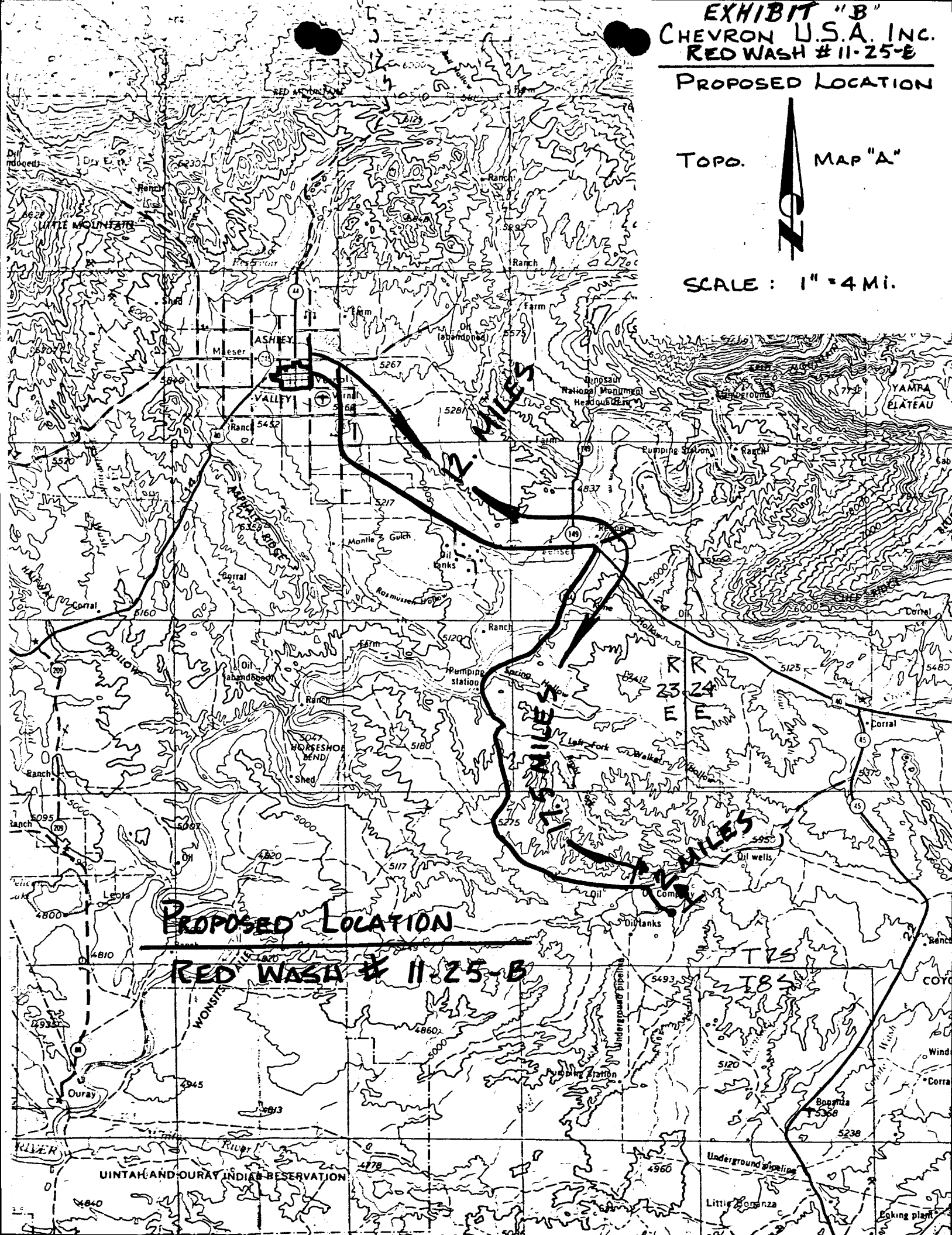
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE: 1" = 4 Mi.



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0823
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR CHEVRON U.S.A. INC.		7. UNIT AGREEMENT NAME Red Wash
3. ADDRESS OF OPERATOR P. O. Box 599 - Denver, CO 80201		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 515' FNL & 622' FWL NW NW At proposed prod. zone		9. WELL NO. 281 (11-25B)
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* ± 18 miles southeast of Jensen, Utah		10. FIELD AND POOL, OR WILDCAT Red Wash-Green River
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 5,800'	16. NO. OF ACRES IN LEASE Within Unit	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T7S, R23E
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2,700'	19. PROPOSED DEPTH 6050'	12. COUNTY OR PARISH Uintah
21. ELEVATIONS (Show whether DF, RT, GR, etc.) GR 5584		13. STATE Utah
22. APPROX. DATE WORK WILL START* January 25, 1982		

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	300	To surface
7-7/8"	5-1/2"	15.5#	TD	As required

It is proposed to drill this Development Well to a depth of 6050' to test the Green River Formation.

Attachments:

Certified Plat
Drilling Procedure
Chevron Class III BOPE Requirements
Multi-Point Surface Use Plan
Proposed Completion. Procedure
Equipment Location Schematic

3-USGS
2-State
3-Partners
1-JAH
1-ALF
1-MEC
1-Sec. 723
1-File

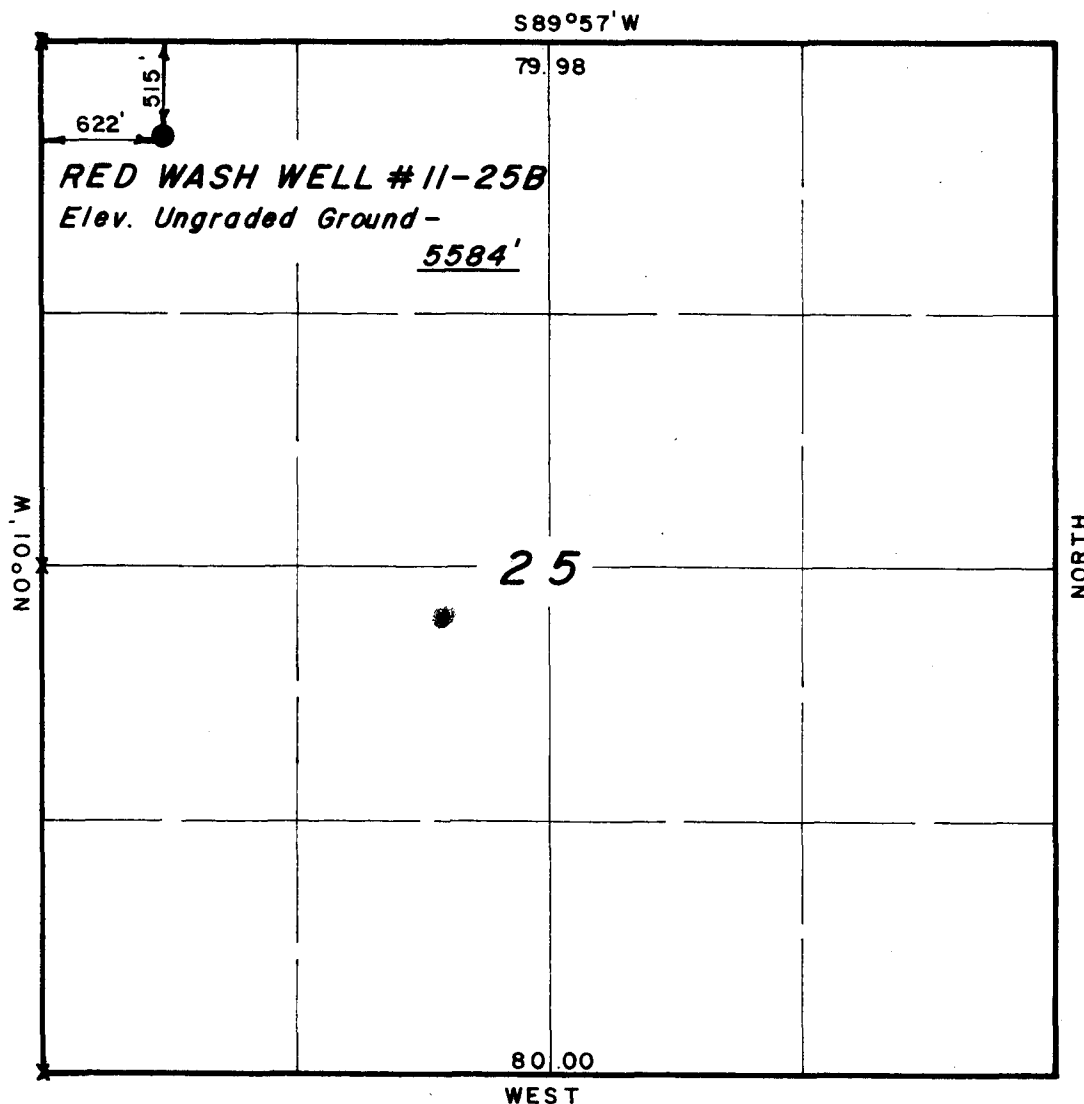
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Engineering Assistant DATE Aug. 31, 1981
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

T7S, R23E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED
LOCATION: N14°31'26"W - 149.902'

PROJECT
CHEVRON U.S.A., INC.

Well location, *Red Wash Well*
11-25B, located as shown in the
NW 1/4 NW 1/4, Section 25, T7S,
R23E, S.L.B.&M., Uintah County,
Utah.

NOTE:

Elev. Ref. Pt. S85°01'43"E - 200' = 5578.44'
" " - 250' = 5580.59'
" N 4°58'17"E - 225' = 5589.32'
" " - 275' = 5589.99'



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

[Signature]
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW RS	REFERENCES GLO PLAT
WEATHER FAIR & HOT	FILE CHEVRON

DRILLING PROCEDURE

Field Red Wash Well 281 (11-25B)
 Location NE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 35, T7S, R23E Uintah County, Utah
 Drill X Deepen Elevation: GL 5590 KB 5610' Total Depth 6050'
 Non-Op Interests Gulf 1.18%, Caulkins .885%, Buttram .295%

1. Name of surface formation: Uinta

2. Estimated tops of important geologic markers:

Formation	Approximate Top	Formation	Approximate Top
<u>Green River</u>	<u>2700 (+2910)</u>	<u>KB</u>	<u>5185 (+425)</u>
<u>J</u>	<u>5010 (+600)</u>	<u>LH</u>	<u>5500 (+110)</u>
<u>K</u>	<u>5125 (+485)</u>	<u>TW</u>	<u>5535 (+75)</u>

3. Estimated depths of anticipated water, oil, gas or other mineral bearing formations:

Formation	Depth	Type	Formation	Depth	Type
<u>Green River</u>	<u>5190 (+420)</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

4. Casing Program (O = old, N = new):

	Surface	O/N	Intermediate	O/N	Oil String/ Liner	O/N
Hole Size	<u>12-1/4"</u>	<u> </u>	<u> </u>	<u> </u>	<u>7-7/8"</u>	<u> </u>
Pipe Size	<u>8-5/8"</u>	<u>N</u>	<u> </u>	<u> </u>	<u>5-1/2"</u>	<u>N</u>
Grade	<u>K-55</u>	<u> </u>	<u> </u>	<u> </u>	<u>K-55</u>	<u> </u>
Weight	<u>24#</u>	<u> </u>	<u> </u>	<u> </u>	<u>15.5#</u>	<u> </u>
Depth	<u>300'</u>	<u> </u>	<u> </u>	<u> </u>	<u>TD</u>	<u> </u>
Cement	<u>To surface</u>	<u> </u>	<u> </u>	<u> </u>	<u>As required</u>	<u> </u>
Time WOC	<u>6 Hrs.</u>	<u> </u>	<u> </u>	<u> </u>	<u>12 Hrs.</u>	<u> </u>
Casing Test	<u>1,000</u>	<u> </u>	<u> </u>	<u> </u>	<u>2,000</u>	<u> </u>
BOP	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Remarks	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

5. BOPE: Chevron Class III 3000 PSI MSP

6. Mud Program:

Depth Interval	Type	Weight	Viscosity	Water Loss
<u>0-300</u>	<u>Gel Water</u>	<u>-</u>	<u>-</u>	<u> </u>
<u>300-2600</u>	<u>Water</u>	<u>-</u>	<u>-</u>	<u> </u>
<u>2600-TD</u>	<u>Gel Chem</u>	<u>± 9.0 ppg.</u>	<u>± 40 Sec.</u>	<u>± 6cc below 5000'</u>

7. Auxiliary Equipment: Kelly cock & drill pipe safety valve.

8. Logging Program:
 Surface Depth
 Intermediate Depth
 Oil String Depth
 Total Depth SP-DIL-SFL base surface csg. to TD, GR-CNL-FDL- Cal 2500 to TD
RFT 10 Levels

9. Mud Logging Unit: A conventional 2-man unit 2500' to TD
 Scales: 2" = 100' to ; 5" = 100' 2500' to TD

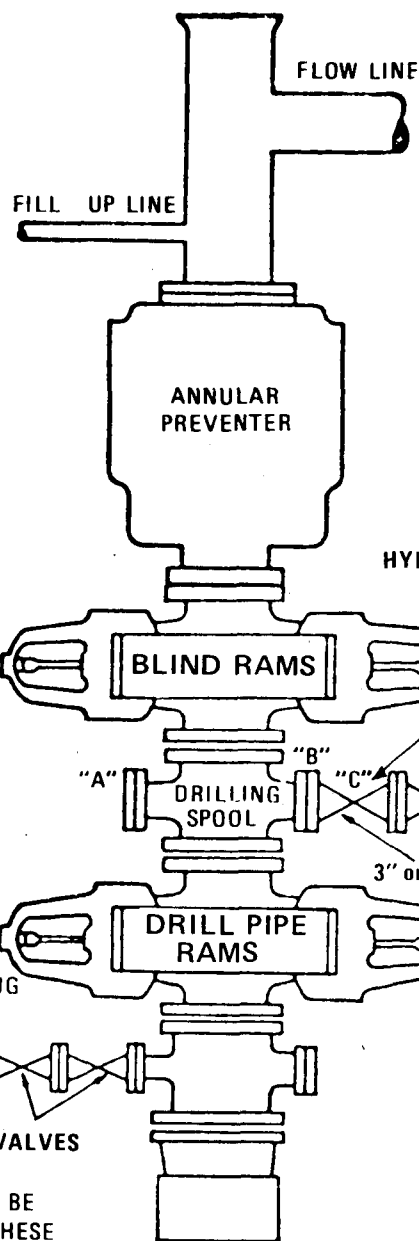
10. Coring & Testing Program:

	Formations	Approximate Depth	Approximate Length of Core
Core <u> </u> DST <u> </u>	<u> </u>	<u> </u>	<u> </u>
Core <u> </u> DST <u> </u>	<u> </u>	<u> </u>	<u> </u>

11. Anticipated Bottom Hole Pressure/Temperatures/Hazards and plans for mitigating:
BHP 2400 psi BHT 120°F

12. Completion & Remarks: To be determined from logs.

Division Development Geologist BC 9/1/81 Division Drilling Superintendent
 Chief Development Geologist Date WS-44



WHILE DRILLING, BOTH PLUG VALVES ARE KEPT CLOSED

UNCOUPLED
HALF UNION
"E"
2" STEEL VALVES

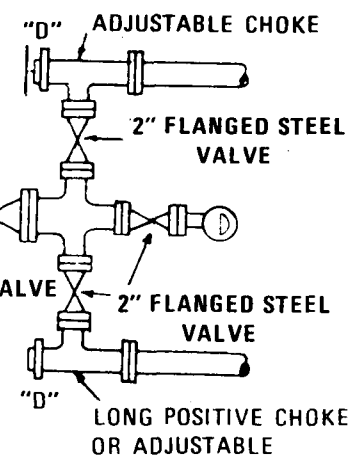
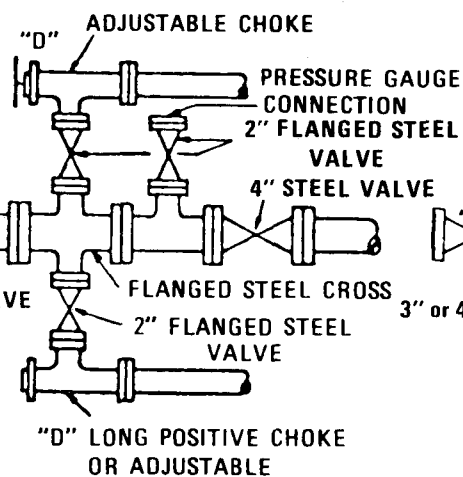
CASING SPOOL SHOULD BE POSITIONED SO THAT THESE VALVES ARE DIRECTLY UNDER THE BARREL OF THE RAM PREVENTER.

FIGURE 4
THREE PREVENTER HOOKUP
CLASS III

(PRESSURE RATING 3-5000 PSI AS REQUIRED)

EMERGENCY FLOW HOOKUP

* ALTERNATE CHOKE MANIFOLD

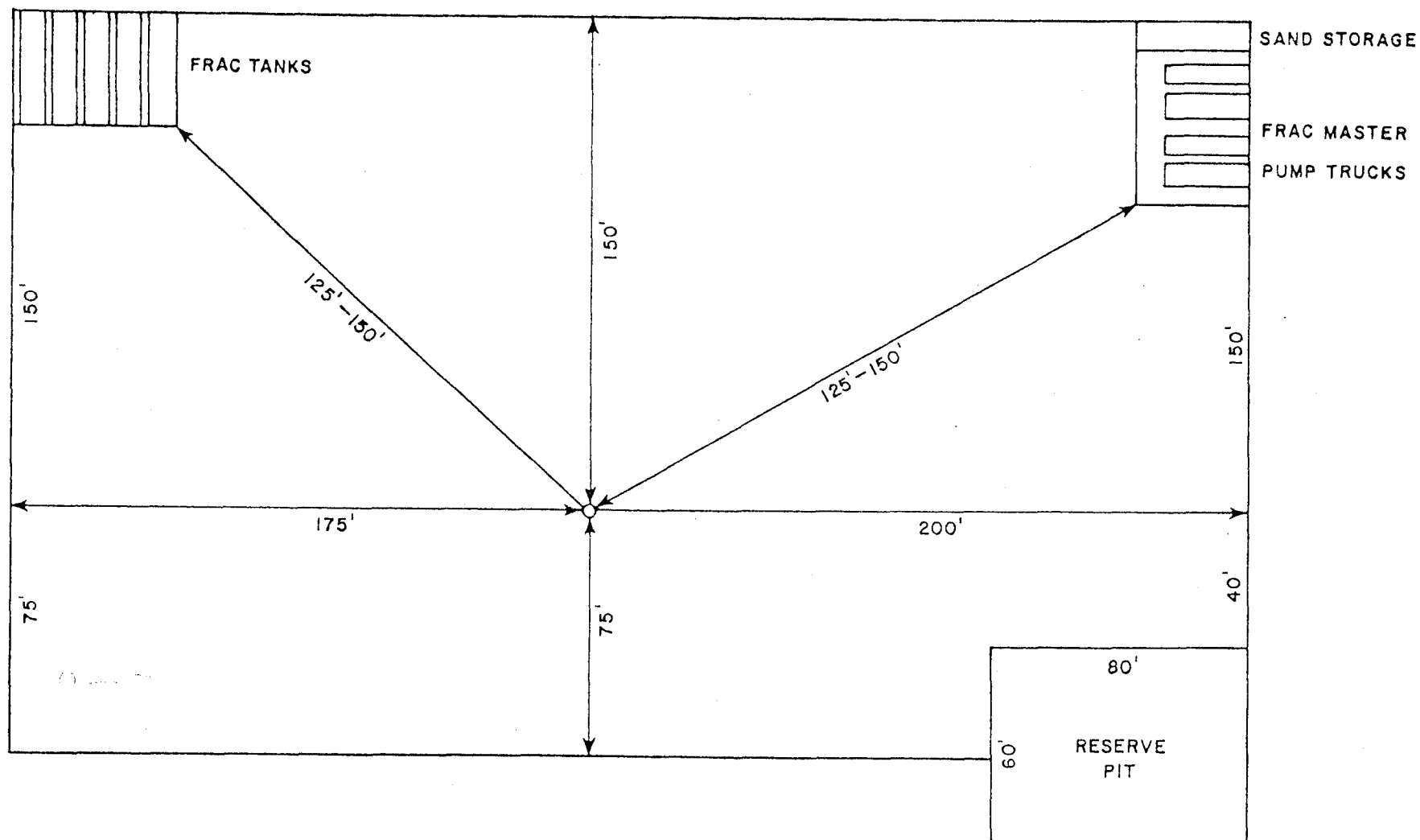


AN EXTRA SET OF DRILL PIPE RAMS WILL BE ON LOCATION AT ALL TIMES.

Chevron U.S.A. Inc.
ROCKY MTN. PRODUCTION DIVISION

RED WASH UNIT
COMPLETION PROCEDURE ON
DEVELOPMENT DRILLING WELLS

1. MI & RU. NU BOPE. Clean out to PBTD. Displace hole w/2% KCl water. Run Gamma Ray-CBL log.
2. RIH w/RBP, packer & tubing. Selectively straddle intervals as determined from log analysis of Green River Formation Sands. Swab down tubing to within 1000' of packer. RIH w/thru-tubing gun to perforate the selected Green River Formation intervals.
3. Acidize the perforated intervals w/inhibited 15% HCL acid containing additives for emulsion and scale control. Swab back spent acid-water immediately. Continue to swab to determine fluid content of perforated intervals.
4. Repeat Steps 2 and 3 to selectively test additional intervals in the Green River Formation. Any nonproductive intervals tested will be excluded by cement and/or a cast iron bridge plug.
5. Depending upon the results of the swab tests, the intervals tested will either be fracture stimulated individually or altogether. For an oil well completion, the fracture fluid will be a mixture of 60-70% Rangely crude oil and 30-40% KCl (2%) water. The fluid will be emulsified and gelled using appropriate additives. 100 mesh sand will be used as a fluid loss additive, and 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated. For a gas well completion, the fracture fluid will be a 2% KCl water containing additives and gelled with 5% methanol. 20-40 mesh sand will be used as a proppant. The total amount of fluid and sand will vary according to the amount of net effective pay that will be treated.
6. Clean out to PBTD.
7. Place well on production.



TYPICAL RED WASH LOCATION

CHEVRON U.S.A. INC.
RED WASH UNIT 281, (11-25B)
UINTAH COUNTY, UTAH
MULTIPOINT SURFACE USE PLAN

1. EXISTING ROADS

A-F. See Exhibits "A", "B" and "D". We do not plan to change, alter or improve upon any existing roads.

- (1) From Vernal, Utah, take U. S. Highway 40 S.E. for 12 miles. At this point, right after you cross the Green River, you intersect with County Road 264, take 264 for 17½ miles south to the Chevron Red Wash Office. From here you go east for ¾'s of a mile and then ¼ miles to the south and east to the proposed access road entrance.

2. PLANNED ACCESS ROADS

See Exhibits "A", "B" and "D". From the access road entrance as stated under "Existing Roads", the proposed access road will go southeasterly for approximately 600'.

- A. Width - 20'.
- B. Maximum Grade - 8% if necessary.
- C. Turnouts - None.
- D. Drainage Design - Roads to be placed and constructed so that minimal drainage alterations will be made.
- E. No major cuts and fills.
- F. Surfacing Materials - Gravel if necessary.
- G. Gates - Cattleguards - Fence Cuts - None.

3. LOCATION OF EXISTING WELLS

See Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A. 1-6 See Exhibit "D".
- B. 1-4 Install new flowline from subject well to appropriate collection station as shown on Exhibit "D". Flowline will be 3" plain end welded line pipe. Normal construction procedures will be used. When warranted, fences, flagging, etc., will be used to protect animals.
- C. Disturbed areas no longer needed for operations will be graded back to as near original state as possible. Drainage channels will be returned to original state and the areas will be reseeded as prescribed by appropriate BLM personnel.

5. LOCATION AND TYPE OF WATER SUPPLY

A-C. Water supplied to the location will be piped through temporary surface lines from the appropriate collection stations or nearest line. These will be removed after drilling and completion operations. See Exhibit "D".

6. SOURCE OF CONSTRUCTION MATERIALS

A-D. All land is Federal land. All gravel, cement, etc., needed on the location will come commercially from the Vernal, Utah area. Access road needed is shown on Exhibits "A", "B" and "D".

7. METHODS FOR HANDLING WASTE DISPOSAL

- A. Cuttings will be settled out in reserve pits.
- B. Drilling fluids will be retained in reserve tanks utilizing maximum recirculation during drilling operations. Following drilling the liquid waste will be evaporated and the remainder worked into the deep subsoil of the pit and the pit filled in and returned to natural grade.
- C. In the event fluids are produced, any oil will be retained until sold in tankage and any water produced will be retained until its quality is determined. The quality and quantity of water produced will then determine the necessary disposal procedure.
- D. Sewage will be disposed of in the subsurface with proper chemical treatment.
- E. Garbage and other combustible materials will be incinerated in a safe incinerator and non-combustibles will be retained in a portable metal disposal container and hauled periodically to an approved disposal dump.
- F. After the rig has moved from the well site, all waste material will be either buried or removed to an approved disposal dump.

8. ANCILLARY FACILITIES

Because of the accessibility to good roads and relatively close housing, we anticipate no need for ancillary facilities with the exception of two trailers to be located on the drilling location.

9. WELL SITE LAYOUT

- 1-3. See Exhibit "C".
- 4. Pits will not be lined.

10. PLANS FOR RESTORATION OF SURFACE

- A. All surface areas not required for producing operations will be graded to as near original condition as possible and contoured to

maintain possible erosion to a minimum. Any rock encountered in excavation will be disposed of beneath backfill to return surface to its present appearance and provide soil for seed growth.

- B. Reseeding will be performed as directed by the BLM.
- C. Pits and any other area that would present a hazard to wildlife or livestock will be fenced off when the rig is released and removed.
- D. Any oil accumulation on the pit will be removed, burned or overhead flagged as dictated by then existing conditions.
- E. The well will be completed during 1982. Rehabilitation will commence following completion of the well.

11. OTHER INFORMATION

- A. The well is located on hilly and rocky terrain. Vegetation consists of small sagebrush, natural grasses and some small trees on and around the locations. The soil is a poorly developed semi-arid, thin topsoil layer over the Uintah formation.
- B. Surface use activities other than the oil well facilities consist of livestock grazing as assigned by BLM.
- C. There are no water bodies or occupied dwellings near the well sites. Archaeological, historical and cultural sites may be determined by the BLM during the field inspection.

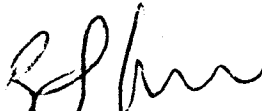
12. COMPANY REPRESENTATIVE

B. L. Haynes
P. O. Box 599
Denver, CO 80201
(303) 759-7527

13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Chevron U.S.A. Inc. and its Contractors and Subcontractors in conformity with this plan and the terms and conditions under which it is approved.

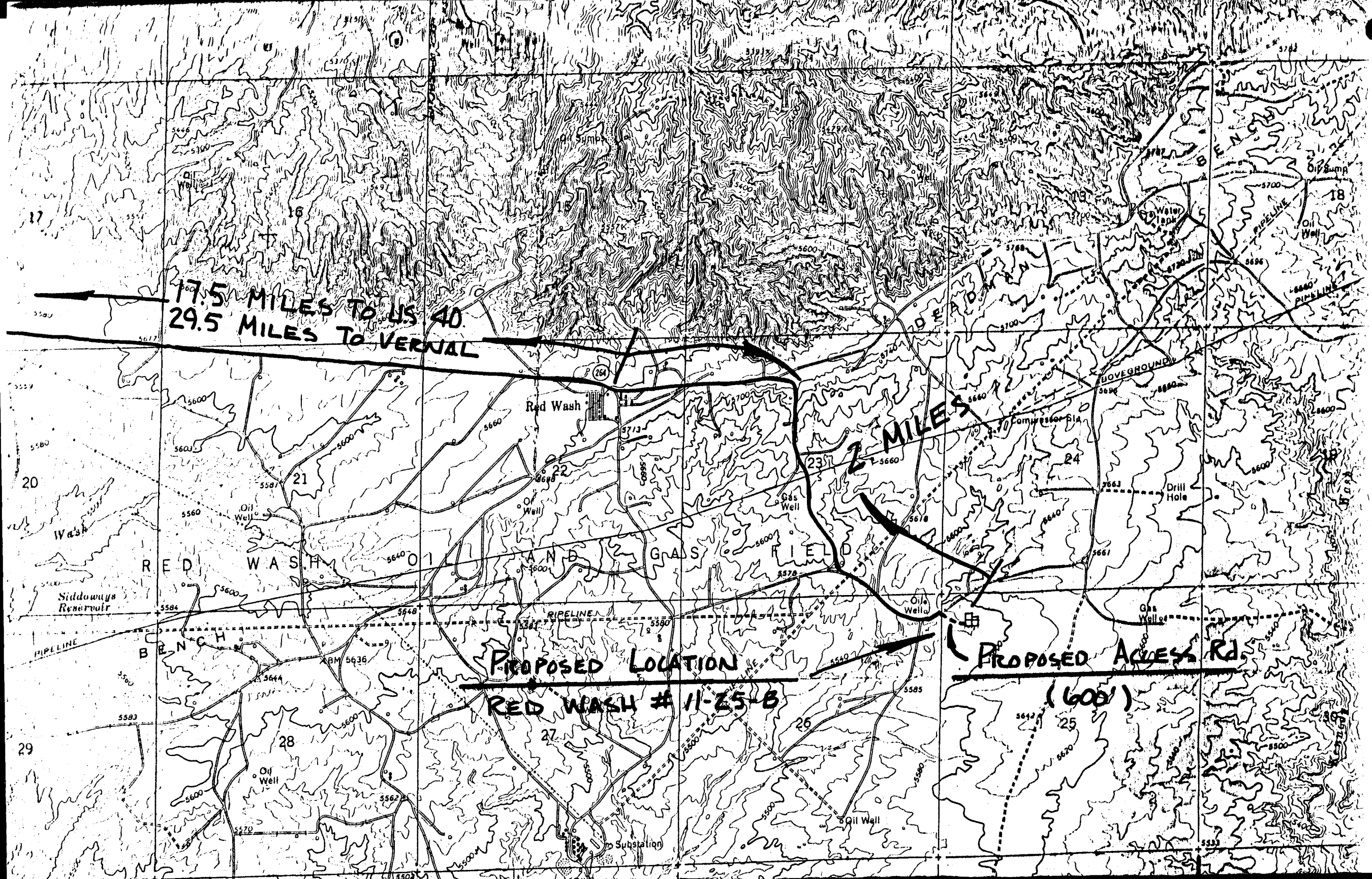
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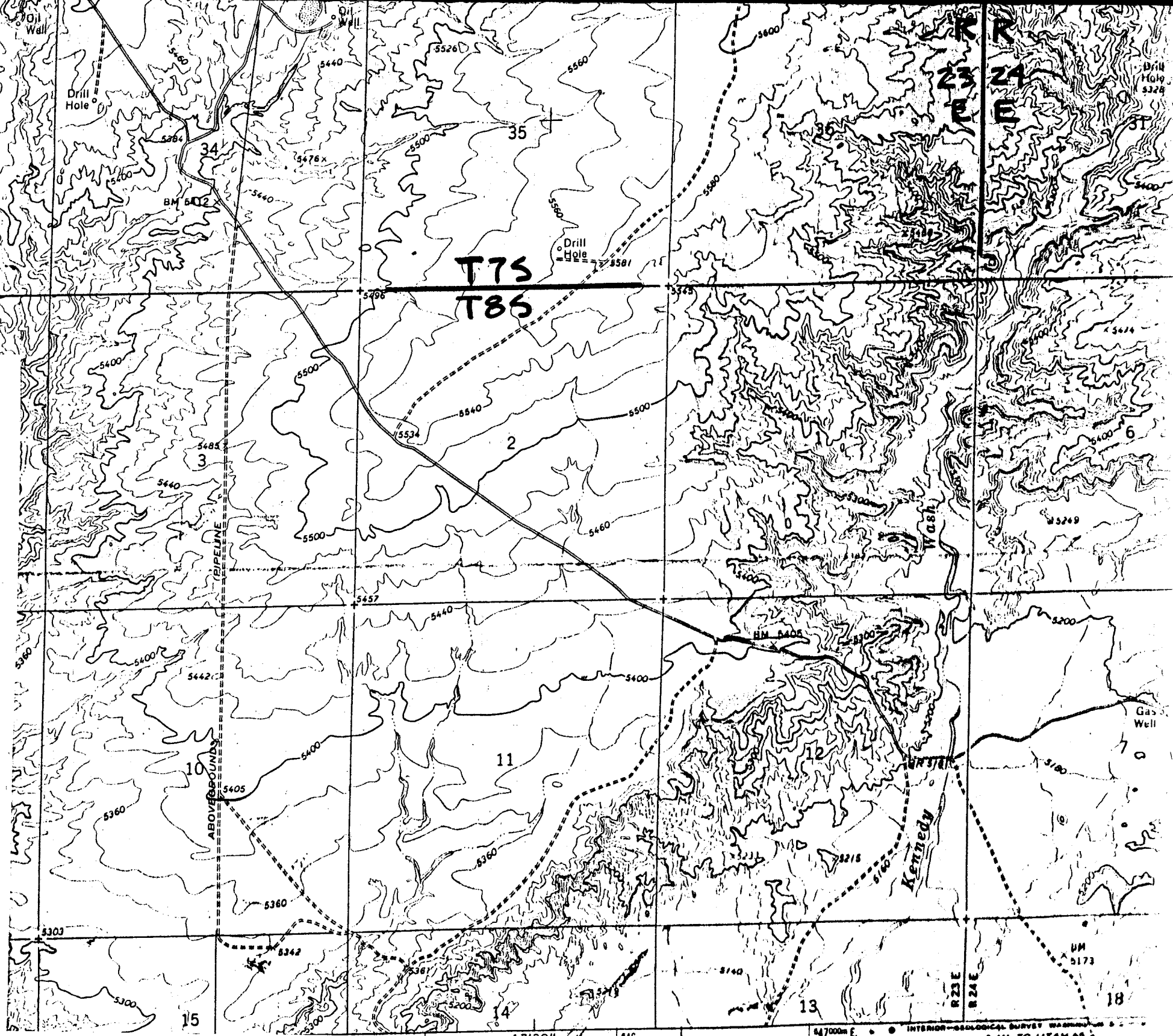
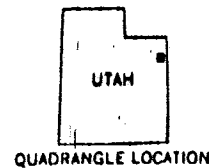
Date



B. L. HAYNES, Drilling Manager

- Exhibit "A" - Proposed Access Road
- Exhibit "B" - Proposed Location
- Exhibit "C" - Location Layout and Cut and Fill
- Exhibit "D" - Existing Wells and Existing and Proposed Facilities





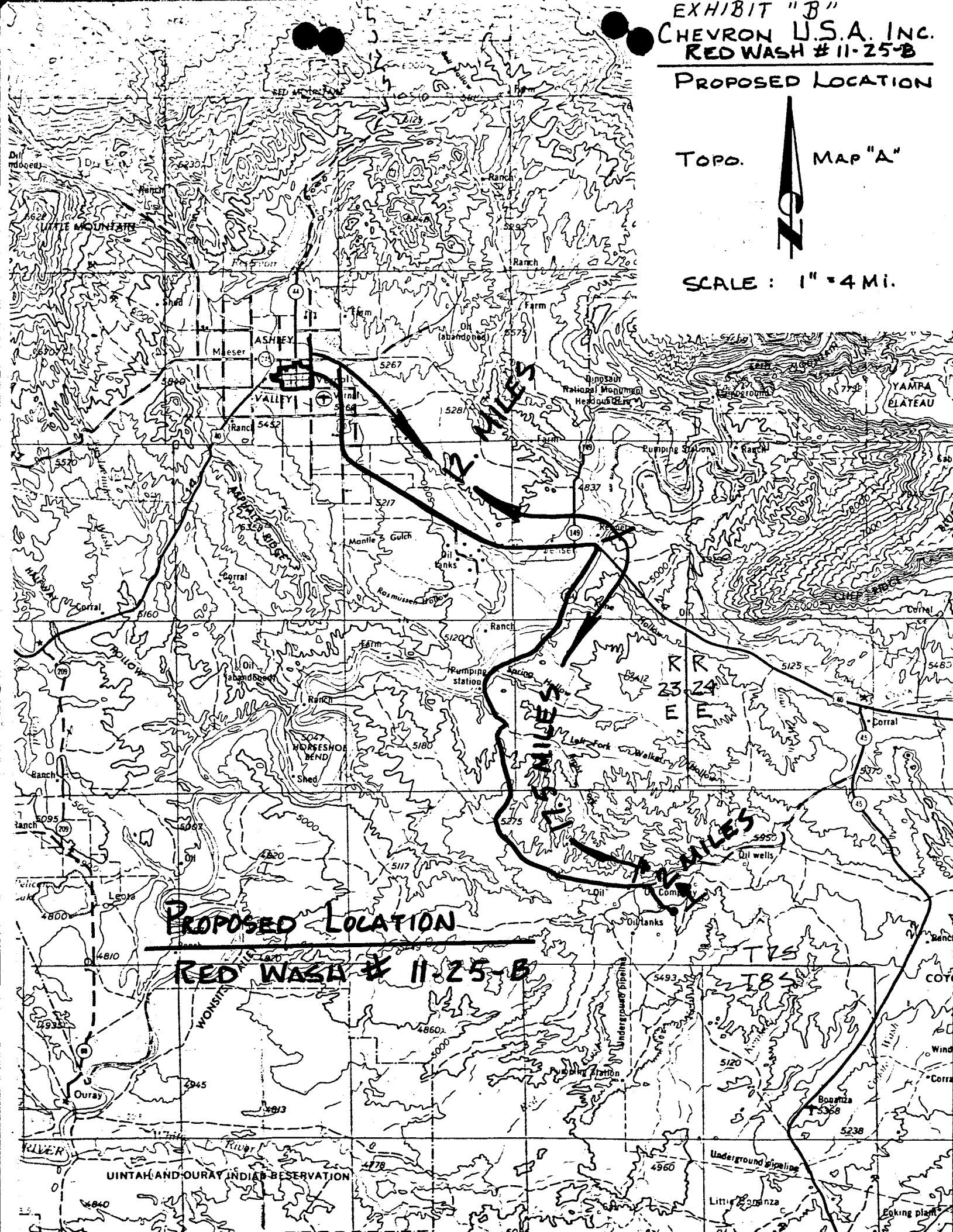
PROPOSED LOCATION

TOPO.

MAP "A"



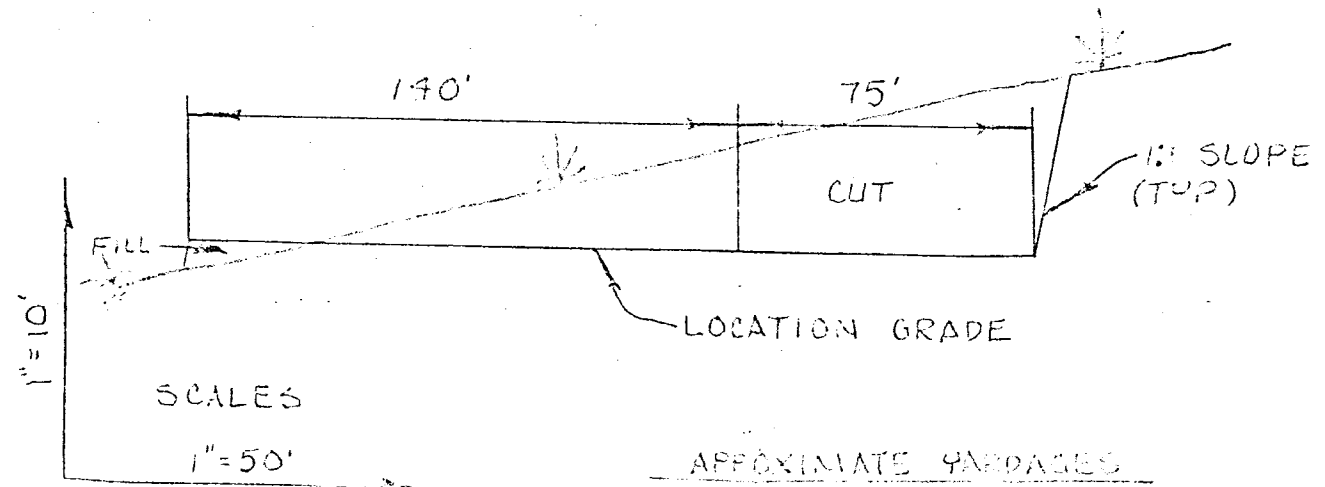
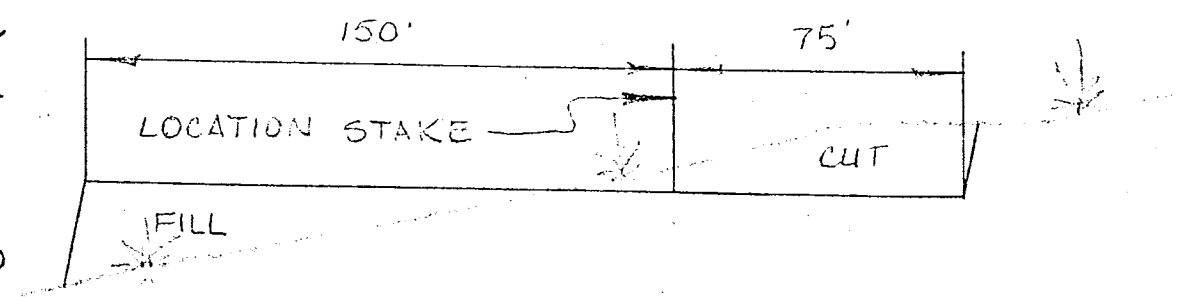
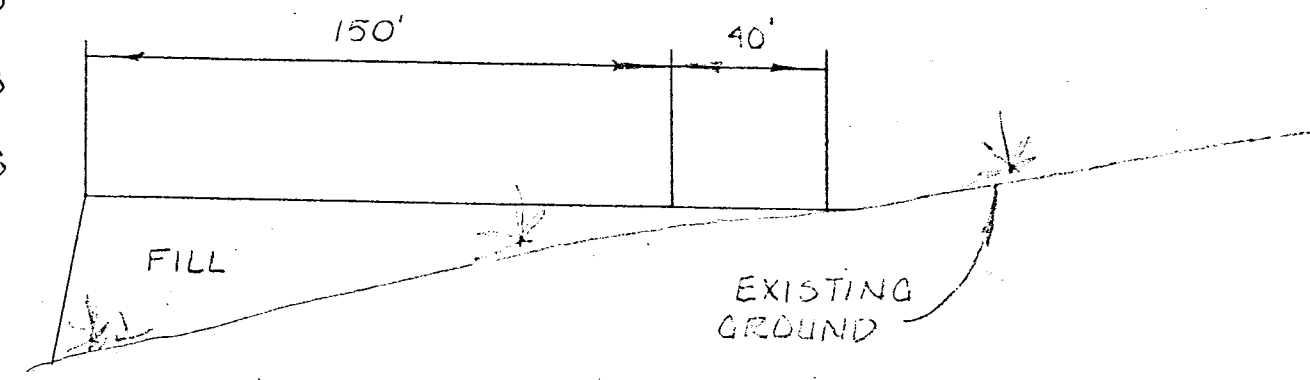
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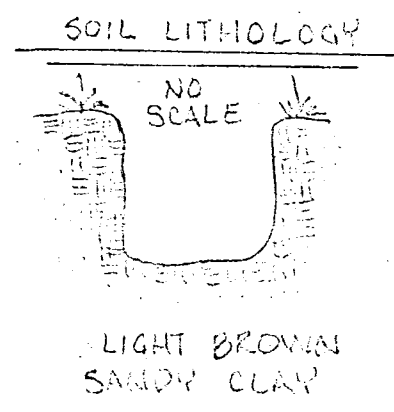
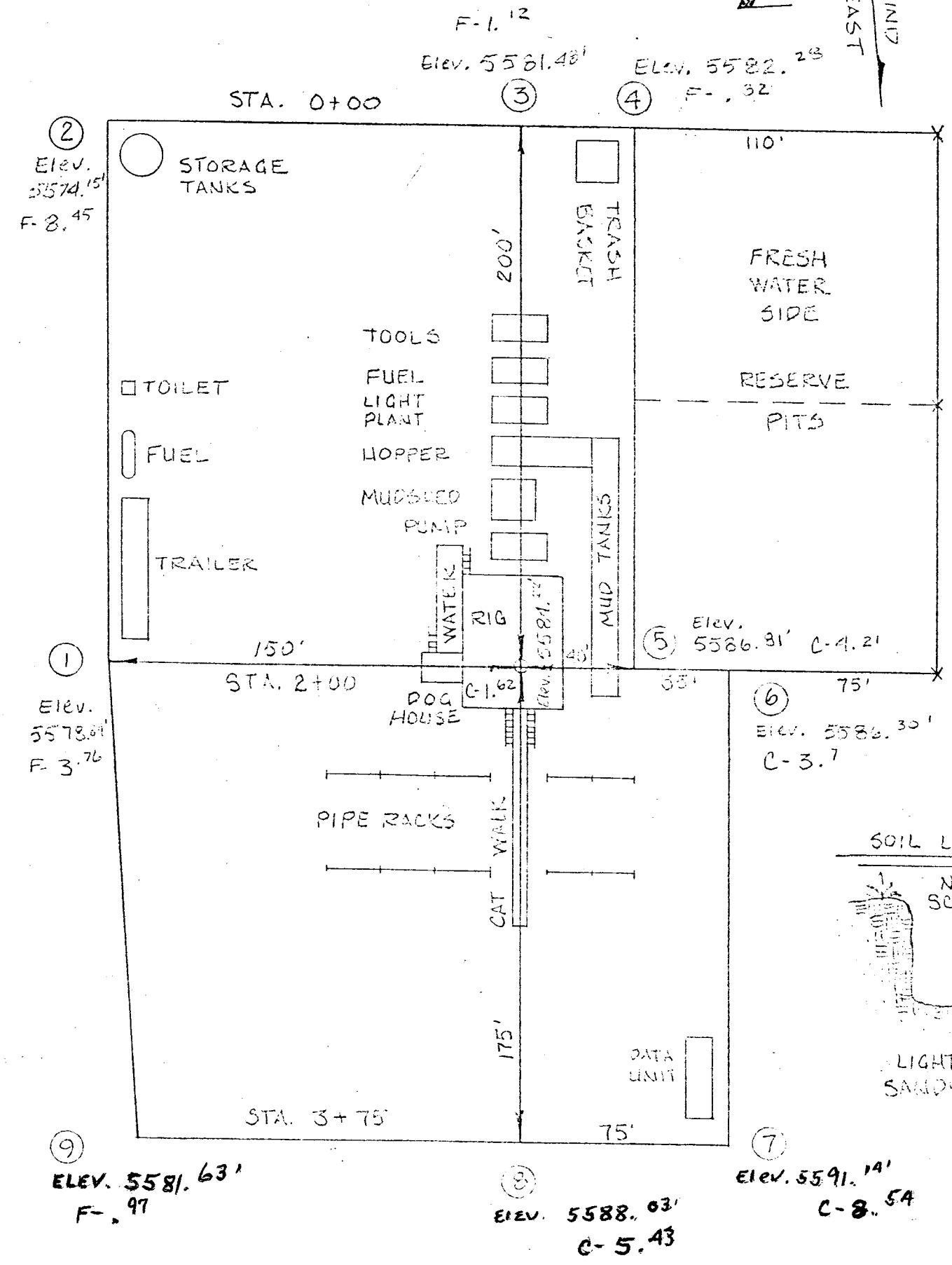
CHEVRON U.S.A. INC.

WELL LOCATION - RED WASH, #11-25-B
NW 1/4 NW 1/4, SECTION 25, T7S, R23E, SLM

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APPROXIMATE YARDAGES
CU. YDS. CUT - 4529.1250
CU. YDS. FILL - 4356.7634



SCALE 1"=50'

**** FILE NOTATIONS ****

DATE: Sept. 15, 1981

OPERATOR: Chesron U.S.A. Inc.

WELL NO: Red Wash # 281 (11-25B)

Location: Sec. 25 T. 7S R. 23E County: Uintah

File Prepared: ☒

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-047-31078

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: Unit Well, ok on boundaries

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Red

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

September 15, 1981

Chevron U.S.A. Inc.
P. O. Box 599
Denver, Colo. 80201

RE: Well No. Red Wash # 281 [11-25B)
Sec. 25, T. 7S, R. 23E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31078.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 515' FNL and 622' FWL NWNW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) change casing program

5. LEASE

U-0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

281 (11-25B)

10. FIELD OR WILDCAT NAME

Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 25, T7S, R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

43-047-31078

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GR 5584

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Casing Program changed as follows:

9-5/8" K-55, 36# casing to be set at 300' - hole size 12-1/4".

7" N-80, 23# casing to be set TD - 5050' - hole size 8-3/4".

7" K-55, 23# casing to be set 5050 - surface - hole size 8-3/4".

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1/12/82

BY: CB Ferguson

3-USGS

2-State

3-Partners

1-JAH

1-MEC

1-Drlg Rep

1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature]

TITLE Engineering Assist DATE January 8, 1982

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
Feb 19 1982
DIVISION OF
OIL, GAS & MINING

NOTICE OF SPUD

Caller: Jean Breivith, Chevron

Phone: # 303-691-7480

Well Number: # 281

Location: SW NW 1/4 NW 1/4 Sec. 25 T. 7S, R. 23E

County: Uintah State: UT

Lease Number: U-0823

Lease Expiration Date: _____

Unit Name (If Applicable): Red Wash

Date & Time Spudded: 1-24-82 1 PM

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 9 5/8" casing
to 300'

Rotary Rig Name & Number: Manning 107

Approximate Date Rotary Moves In: 1-23-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Cindy

Date: 2-18-82 10:00 A.M.

cc: Well file
MMS. Bureau
OK St. O & M
TAM
DSD
APD

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

NAME OF COMPANY: CHEVRON OIL

WELL NAME: Red Wash Unit 281

SECTION NWNW 25 TOWNSHIP 7S RANGE 23E COUNTY Uintah

DRILLING CONTRACTOR Manning

RIG # 10N

SPODDED: DATE 1-24-82

TIME 1:00 PM

HOW Rotary

DRILLING WILL COMMENCE

REPORTED BY Jean Bierworth

TELEPHONE # 303-691-7480

DATE 1-25-82 SIGNED AS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR Chevron U.S.A. Inc. 3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO 80201 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 515' FNL & 622' FWL (NWNW)		5. LEASE DESIGNATION AND SERIAL NO. U-0832 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7. UNIT AGREEMENT NAME Red Wash 8. FARM OR LEASE NAME 9. WELL NO. 281 (11-25B) 10. FIELD AND POOL, OR WILDCAT Red Wash - Green River 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T7S, R23E 12. COUNTY OR PARISH Uintah 13. STATE Utah
14. PERMIT NO. 43-047-31078	15. ELEVATIONS (Show whether DF, ST, GR, etc.) GR 5584	

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐FULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐Well Status ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Date: February 28, 1982

Depth @6050

WOCR

18. I hereby certify that the foregoing is true and correct

SIGNED

Evan M. Leonard

TITLE Engineering Assistant

DATE March 1, 1982

(This space for Federal or State office use)

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY: _____

TITLE _____

DATE _____

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas ☐ well ☐ other

2. NAME OF OPERATOR

Chevron USA Inc.

3. ADDRESS OF OPERATOR

P. O. Box 599, Denver, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 515' FNL & 622' FWL (NWNW)

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Rig Changes

SUBSEQUENT REPORT OF:

☐

☐

☐

☐

☐

☐

☐

☐

5. LEASE

U-0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

281 (11-25B)

10. FIELD OR WILDCAT NAME

Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 25, T7S, R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

14. API NO.

43-047-31078

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GR 5584

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

R. L. Manning Rig # 10N was moved off location on Feb. 14, 1982.

Western Rig #18 was moved onto location on June 2, 1982 for completing and testing the well.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Erin Leonard / JJJ TITLE Engineering Asst. DATE June 3, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Red Wash Unit #281 (11-25B)
Operator Chevron USA, Inc. Address P. O. Box 599, Denver, CO. 80201
Contractor R. L. Manning Address 1700 Broadway, Suite 2200, Denver, CO. 80290
Location NW 1/4 NW 1/4 Sec. 25 T. 7S R. 23E County Uintah

Water Sands

	<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
	From To	Flow Rate or Head	Fresh or Salty
1.	<u>None</u>		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops

Remarks

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Chevron USA Inc.
3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO. 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 515' FNL & 622' FWL (NWNW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Rig Changes

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

U-0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

281 (11-25B)

10. FIELD OR WILDCAT NAME

Red Wash - Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 25, T7S, R23E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

14. API NO.

43-047-31078

15. ELEVATIONS (SHOW DF, KDB, AND WD)

GR 5584

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

R. L. Manning Rig # 10N was moved off location on Feb. 14, 1982.

Western Rig #18 was moved onto location on June 2, 1982 for completing and testing the well.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Erin Leonard / JJJ TITLE Engineering Asst. DATE June 3, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-0823
2. NAME OF OPERATOR Chevron U.S.A. Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 515' FNL & 622' FWL (NWNW)		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO. 281 (11-25B)
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT Red Wash - Green River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 25, T7S, R23E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐Well Status ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Date: May 31, 1982

Depth @ 6050'

WOCR

18. I hereby certify that the foregoing is true and correct

SIGNED Susan M. JonesTITLE Engineering AssistantDATE June 11, 1982

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-0823																			
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME																			
2. NAME OF OPERATOR Chevron U.S.A. Inc.		7. UNIT AGREEMENT NAME Red Wash																			
3. ADDRESS OF OPERATOR P.O. Box 599, Denver, CO. 80201		8. FARM OR LEASE NAME																			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 515' FNL & 622' FWL NWNW At top prod. interval reported below At total depth		9. WELL NO. 281 (11-25B)																			
14. PERMIT NO. 43-047-31078		10. FIELD AND POOL, OR WILDCAT Red Wash-Green River																			
DATE ISSUED 9-15-82		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T7S, R23E																			
15. DATE SPUDDED 1-24-82		12. COUNTY OR PARISH Uintah																			
16. DATE T.D. REACHED 2-11-82		13. STATE Utah																			
17. DATE COMPL. (Ready to prod.) 6-18-82		18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* GR 5584', KB 5602'																			
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 6051																			
21. PLUG, BACK T.D., MD & TVD 5970		22. IF MULTIPLE COMPL., HOW MANY*																			
23. INTERVALS DRILLED BY → All		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5163-5397 MD Green River FM 5163-5397 TVD																			
25. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-FDC, DIL-SFL, RFT		26. WAS DIRECTIONAL SURVEY MADE Yes																			
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)																			
<table border="1" style="width:100%"><thead><tr><th>CASING SIZE</th><th>WEIGHT, LB./FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>CEMENTING RECORD</th><th>AMOUNT PULLED</th></tr></thead><tbody><tr><td>9-5/8"</td><td>36#</td><td>300'</td><td>12 1/4"</td><td>250 SXS</td><td></td></tr><tr><td>7"</td><td>23#</td><td>6051'</td><td>8-3/4"</td><td>1000 XSX</td><td></td></tr></tbody></table>				CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED	9-5/8"	36#	300'	12 1/4"	250 SXS		7"	23#	6051'	8-3/4"	1000 XSX	
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7"	23#	6051'	8-3/4"	1000 XSX																	
29. LINER RECORD																					
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>SACKS CEMENT*</th><th>SCREEN (MD)</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)													
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)																	
30. TUBING RECORD																					
<table border="1" style="width:100%"><thead><tr><th>SIZE</th><th>DEPTH SET (MD)</th><th>PACKER SET (MD)</th></tr></thead><tbody><tr><td>2-7/8"</td><td>5463'</td><td>-</td></tr></tbody></table>				SIZE	DEPTH SET (MD)	PACKER SET (MD)	2-7/8"	5463'	-												
SIZE	DEPTH SET (MD)	PACKER SET (MD)																			
2-7/8"	5463'	-																			
31. PERFORATION RECORD (Interval, size and number)																					
5375-97 2 CJPF 5343-65 2 CJPF 5197-5209 2 CJPF 5163-70 2 CJPF																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
<table border="1" style="width:100%"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr></thead><tbody><tr><td>5343-97</td><td>6000 gal 15% HCL</td></tr><tr><td>5163-5209</td><td>3000 gal 15% HCL</td></tr><tr><td>5343-97</td><td>10% Sol. NALCO 9DC-087 & 2%KCL</td></tr><tr><td>5163-5209</td><td>10% Sol. NALCO 9DC-087 & 2%KCL</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5343-97	6000 gal 15% HCL	5163-5209	3000 gal 15% HCL	5343-97	10% Sol. NALCO 9DC-087 & 2%KCL	5163-5209	10% Sol. NALCO 9DC-087 & 2%KCL								
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5163-5209	10% Sol. NALCO 9DC-087 & 2%KCL																				
33.* PRODUCTION (NALCO-Inhibitor-420 gals each zone)																					
DATE FIRST PRODUCTION 6-18-82																					
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pump 11.5x64x1-3/4																					
WELL STATUS (Producing or shut-in) Producing																					
DATE OF TEST 6-22-82																					
HOURS TESTED 24																					
CHOKE SIZE -																					
PROD'N. FOR TEST PERIOD →																					
OIL—BBL. 19																					
GAS—MCF. 23																					
WATER—BBL. 26																					
GAS-OIL RATIO 12 11																					
FLOW. TUBING PRESS. -																					
CASING PRESSURE 80																					
CALCULATED 24-HOUR RATE →																					
OIL—BBL. 19																					
GAS—MCF. 23																					
WATER—BBL. 26																					
OIL GRAVITY-API (CORR.) 28																					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold																					
TEST WITNESSED BY J. A. Harvey																					
35. LIST OF ATTACHMENTS																					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																					
SIGNED Em M. Leonard TITLE Engineering Asst. DATE June 28, 1982																					

*(See Instructions and Spaces for Additional Data on Reverse Side)

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORDED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	4109	5159	Water, Gas	Uintah Fm	Surface	Surface
Green River	5159	5499	Water, Oil, Gas	Green River	2650	2650
Wasatch	5499	TD	Water	Wasatch	5499	5499

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Churron Well No. 281

County: Utah T 75 R 23E Sec. 25 API# _____

New Well _____ Conversion ☒ Disposal Well _____ Enhanced Recovery Well ☒

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<input checked="" type="checkbox"/>	
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	
Schematic Diagram	<input checked="" type="checkbox"/>	
Fracture Information	<input checked="" type="checkbox"/> <u>see unit file</u>	
Pressure and Rate Control	<input checked="" type="checkbox"/>	
Adequate Geologic Information	<input checked="" type="checkbox"/>	
Fluid Source	<u>Prod. water</u>	

Analysis of Injection Fluid Yes ☒ No _____ TDS 10085

Analysis of Water in Formation to be injected into Yes ☒ No _____ TDS 10085

Known USDW in area Utah Depth 8th 2700'

Number of wells in area of review _____ Prod. 2 P&A _____

Water _____ Inj. 4

Aquifer Exemption Yes ☒ NA _____

Mechanical Integrity Test Yes ☒ No _____

Date 6/82 Type PT

Comments: Area was exempt by Board.

Reviewed by: [Signature]

Utah

Pull files on Chevron wells -

RWH #281 - A/E + logs ✓

#1 POW ✓ ~~logs~~

NO #233 POW ✓ no logs

#272 POW ✓

Check for CBL on #1 + 233 + 272 ✓

These are in sec. 25, 24, 23, 26

T7S R23E ✓

Check for file on Am. Quas well
then call if necessary.

POW SUMMIT

Links

AKZ

#233 Dual Induction

COMPENSATED Neutron formation Density

Repeat formation Tester

#1 induction log

Electric log

Microlog

Hole section Survey

Temperature

Cement Bond log

Near end of Roll
about 3 to last
well

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF

Chevron U.S.A. Inc.

CAUSE NO. _____

ADDRESS P. O. Box 599

Denver, CO

ZIP 80201

INDIVIDUAL _____ PARTNERSHIP _____ CORPORATION X

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE RWU #281 WELL

SEC. 25 TWP. 7S RANGE 23E

Uintah

COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:

1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name <u>II-0823</u>	Well No. <u>281 (11-25B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>NW¹/₄</u> Sec. <u>25</u> Twp. <u>7S</u> Rge. <u>23E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>1-25-82</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What <u>oil & gas</u>
Location of Injection Source(s) <u>Produced water</u>		Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5600</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5163</u> to <u>5397</u>	
a. Top of the Perforated Interval: <u>5163</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2463</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <u>(YES)</u> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum <u>2500 B/D</u> Working = <u>800</u> B/D Max <u>3000 psi</u> , Working = <u>2000</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent <u>Bureau of Land Management, State of Utah</u> <u>1400 University Club Building</u> <u>136 East South Temple</u> <u>Salt Lake City, Utah 84111</u>			

State of Colorado)

Chevron U.S.A. Inc. R.H. Elliott - Area Prod. Mgr.

Applicant

County of Denver)

Before me, the undersigned authority, on this day personally appeared R.H. Elliott
known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly
authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 3rd day of Sept., 19 82

SEAL

My commission expires 10/2/85

John Watson
700 S. Colorado Blvd.
Notary Public in and for Colorado

(OVER)

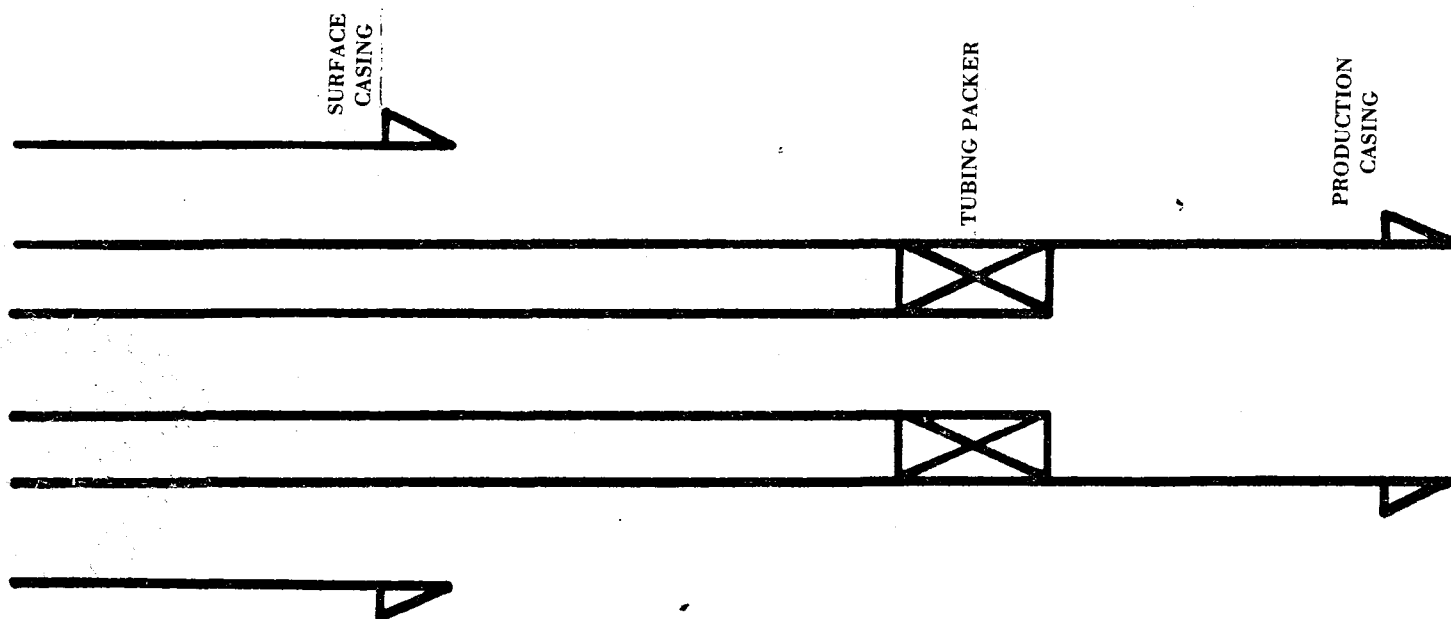
INSTRUCTIONS

1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	9-5/8"	300	250	surface	returns
Intermediate					
Production	7"	6051	1000	3300	CBL
Tubing Dual String	2-3/8"	±5140, ±5300	Name - Type - Depth of Tubing Packer Baker Model D @ ± 5300, Baker A-5 Dual @ ±5140		
Total Depth 6051	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 5163	Depth - Base of Inj. Interval 5397		

SKETCH - SUB-SURFACE FACILITY



(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

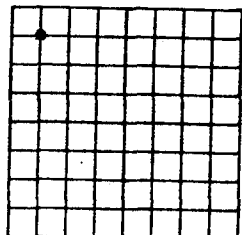
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY
LEASE NO.

43-047-31078

API NO

640 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY Uintah SEC. 25 TWP. 7S RGE. 23E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE CO ZIP 80201

FARM NAME Red Wash WELL NO. 281 (11-25B)

DRILLING STARTED 1-24-82 DRILLING FINISHED 2-11-82

DATE OF FIRST PRODUCTION 6-18-82 COMPLETED 6-12-82

WELL LOCATED NW 1/4 NW 1/4

2125 FT. FROM SE OF 1/4 SEC. & 662 FT. FROM WL OF 1/4 SEC.

ELEVATION DERRICK FLOOR 5601.5 GROUND 5584

TYPE COMPLETION

Single Zone X

Order No. _____

Multiple Zone _____

Order No. _____

Comingled _____

Order No. _____

LOCATION EXCEPTION _____

Order No. _____ Penalty _____

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
9-5/8"	36#/ft	K-55	300	800	250	-	surface
7"	23#/ft	N-80 K-55	6051	2000	1000	-	3300

TOTAL DEPTH 6051

PACKERS SET
DEPTH ± 5140, ± 5300

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well) <i>Disposal, Storage, etc.</i>	Enhanced Recovery		
PERFORATED	5375-97		
	5343-65		
INTERVALS	5197-5209		
	5163-70		
ACIDIZED? yes	5375-97	5163-70	
	5343-65	w/ 15% HCl	
FRACTURE TREATED? no	5197-5209		

INITIAL TEST DATA

Date	6-22-82		
Oil. bbl./day	19		
Oil Gravity	28		
Gas. Cu. Ft./day	23	MCF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1211		
Water-Bbl./day	26		
Pumping or Flowing	pumping		
CHOKE SIZE	-		
casing FLOW TUBING PRESSURE	80		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

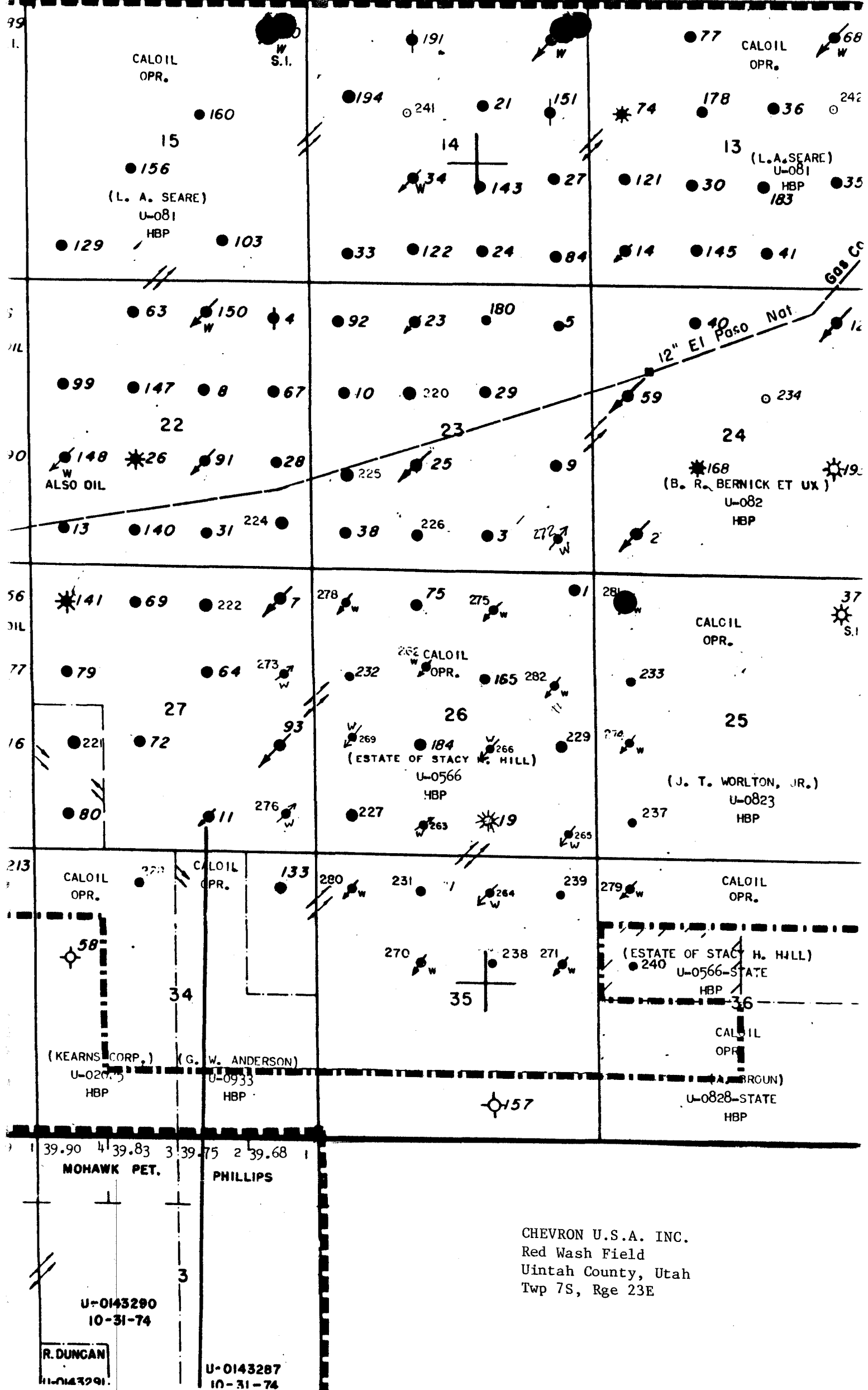
I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone (303) 691-7437

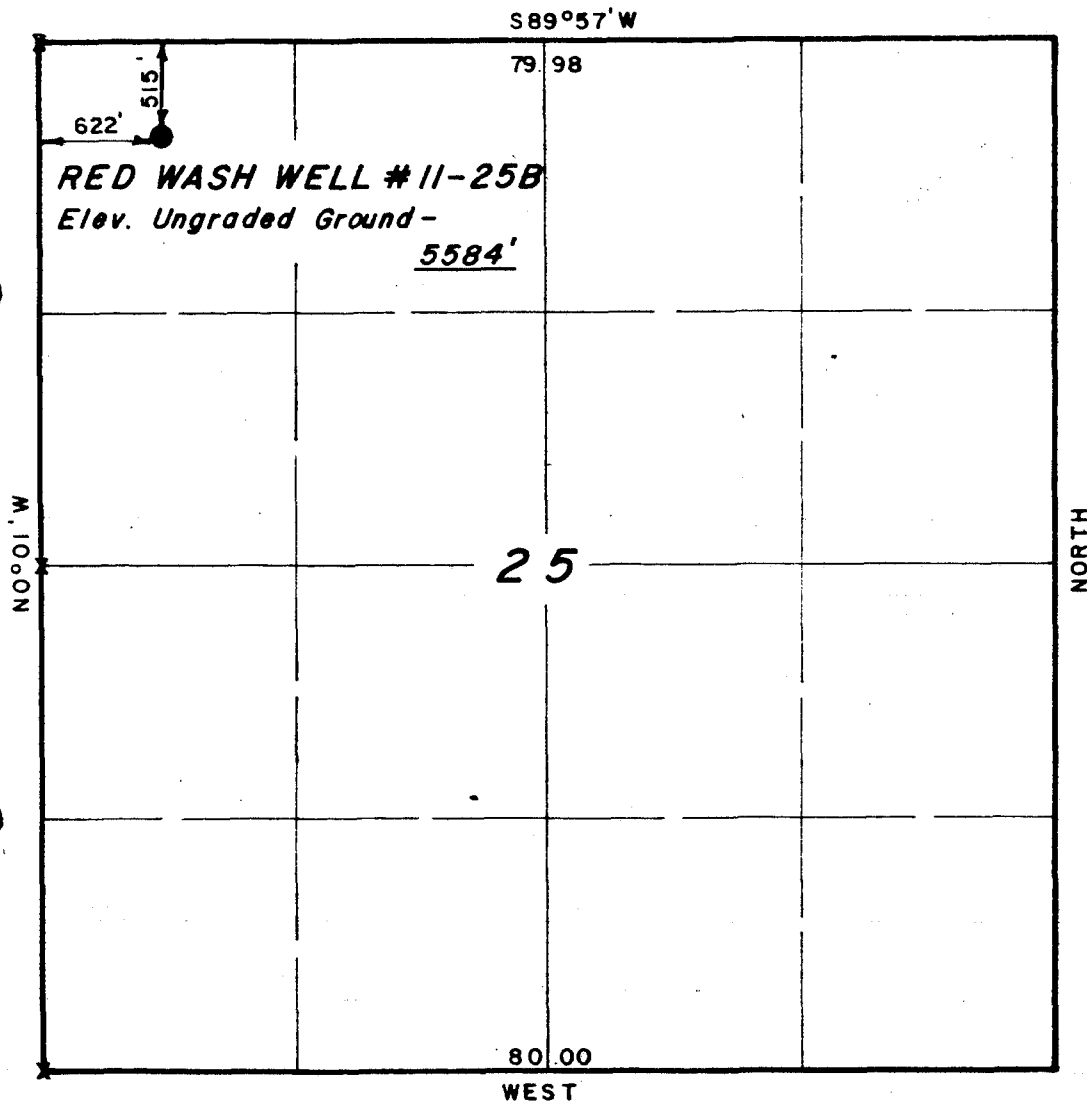
DM Elliott - Area. Production Supt.
Name and title of representative of company

Subscribed and sworn before me this 3rd day of September, 19 82

Ken Watson
700 S. Colorado Blvd.
My Commission Expires 10/7/85



T7S, R23E, S.L.B.&M.



X = Section Corners Located

NOTE: LOCATION TO DRILL TO REQUESTED
LOCATION: N14°31'26"W - 149.902'

PROJECT
CHEVRON U.S.A., INC.

Well location, *Red Wash Well*
11-25B, located as shown in the
NW 1/4 NW 1/4, Section 25, T7S,
R23E, S.L.B.&M., Uintah County,
Utah.

NOTE:

Elev. Ref. Pt. S85°01'43"E - 200' = 5578.44'
" " " - 250' = 5580.59'
" N 4°58'17"E - 225' = 5589.32'
" " " - 275' = 5589.99'



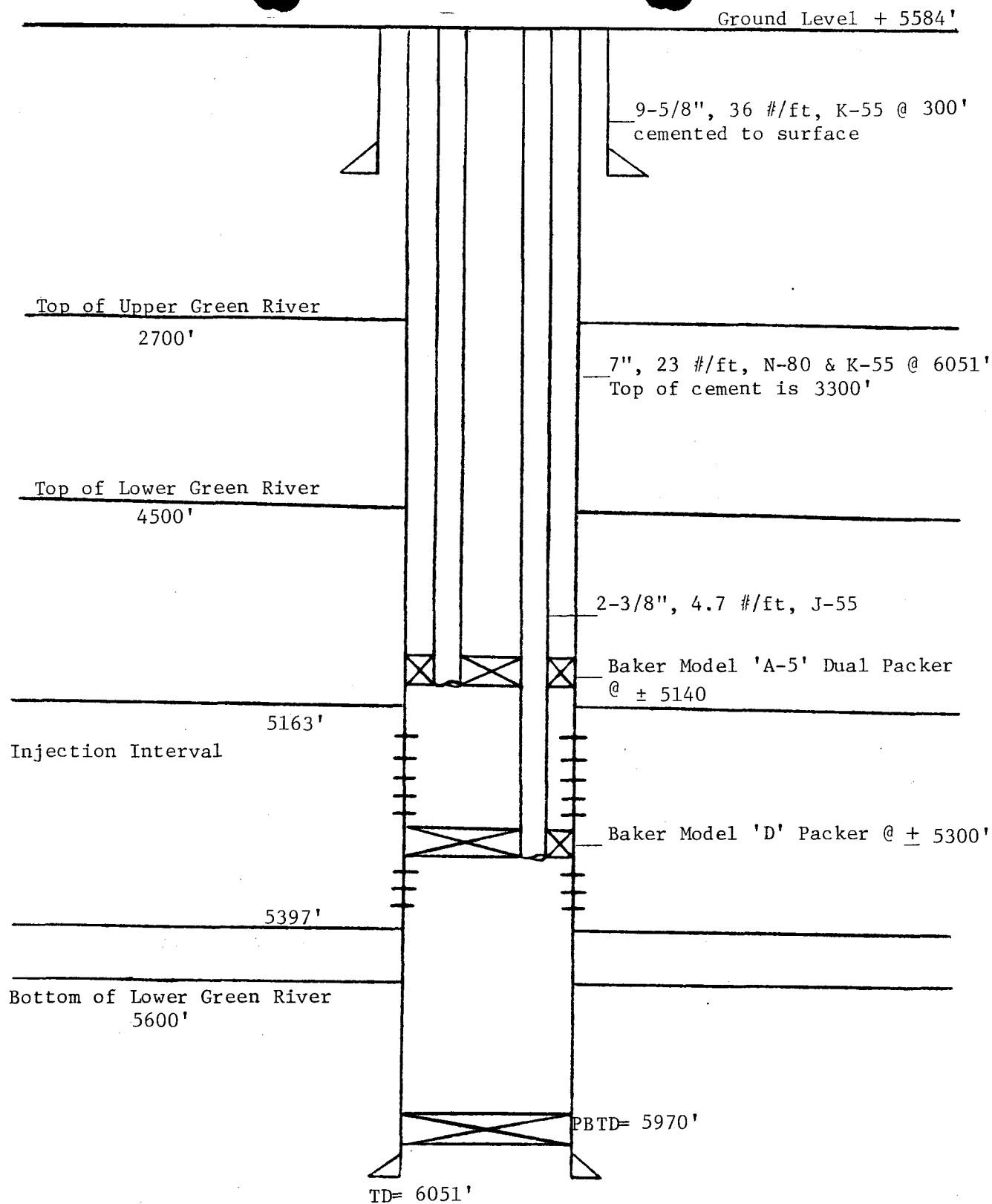
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. Gendall
REGISTERED LAND SURVEYOR
REGISTRATION NO. 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 6/15/81
PARTY NJM, HM, BW	REFERENCES GLO PLAT
WEATHER	FILE



Red Wash Unit #281 (11-25B)
Wellbore Schematic



Chevron U.S.A. Inc.

Figure 3

DATE - 08/27/82

SCALE - None

TABLE 1

BJ-HUGHES Inc:

BJ HUGHES, INC.
ENGINEERING FIELD REPORT

DATE: April 10, 1982
STATION: Grand Junction, Colorado
COMPANY NAME: Chevron Oil Company
WELL NO. & FIELD NAME: Red Wash #273
COUNTY, STATE: Uintah County, Utah
FORMATION: Green River

<u>AVG STP</u>	<u>TREATING STRING</u>	<u>ISIP & FLUID IN HOLE</u>
<u>5000 PSI</u>	<u>2 7/8 IN. 6.5 LB.</u>	<u>3000 PSI 2% KCL</u>

TYPE OF FLUID: Oil Base Ultra Frac 40
DESIGNED AMT OF FLUID: 26.282 GALS.
DESIGNED AMT OF SAND: 35.128 LBS.
PUMPED AMT OF FLUID: 28.350 GALS.
PUMPED AMT OF SAND: 35.128 LBS.
% OF JOB AWAY: 100 %

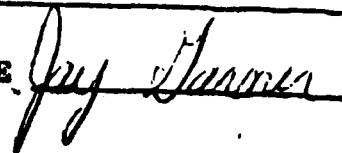
SCREEN OUT? NoFRAC GRADIENT 996

REASONS:

FLUID -
MECHANICAL -
FORMATION -

PROBLEM EXPLANATION: Job went very well. Good
rig up, and safety procedures observed. Company
man was well pleased with job quality & overall
performance.

SIGNATURE



BJ-HUGHES Inc:

TABLE 2

BJ HUGHES, INC.
ENGINEERING FIELD REPORT

DATE: April 1, 1982
STATION: Grand Junction, Colorado
COMPANY NAME: Chevron
WELL NO. & FIELD NAME: 42-27B
COUNTY, STATE: Uintah County, Utah
FORMATION: Green River

<u>AVG STP</u>	<u>TREATING STRING</u>	<u>ISIP & FLUID IN HOLE</u>
<u>4600 PSI</u>	<u>2 7/8 IN. 6.5 LB.</u>	<u>1840 PSI 2% KCL</u>

TYPE OF FLUID: Oil Base Ultra Frac 404
DESIGNED AMT OF FLUID: 81,000 GALS.
DESIGNED AMT OF SAND: 106,500 LBS.
PUMPED AMT OF FLUID: 80,388 GALS.
PUMPED AMT OF SAND: 106,500 LBS.
% OF JOB AWAY: 99 %

SCREEN OUT? No

FRAC GRADIENT .81 PSI/Ft.

REASONS:

FLUID
MECHANICAL
FORMATION

PROBLEM EXPLANATION: Check valve not installed in 3"
line near wellhead. We moved valve to proper location
and encountered no further problems during treatment.

SIGNATURE

Jay Hansen



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Chevron Oil Company
 OPERATOR Chevron Oil Company
 WELL NO. Unit 8 (32-22B)
 FIELD Red Wash
 COUNTY Uintah
 STATE Utah

LAB NO. 1446-1 REPORT NO. _____
 LOCATION SW NE 22-7S-23E
 FORMATION Green River
 INTERVAL 5558-5732
 SAMPLE FROM Produced (2-3-69)
 DATE February 14, 1969

REMARKS & CONCLUSIONS: Cloudy water.

OPEN HOLE - 5558-5732
KB, KD, KE, KF, L, LA

Cations	mg/l	meq/l
Sodium	4193	182.39
Potassium	25	0.64
Lithium	-	-
Calcium	7	0.35
Magnesium	2	0.16
Iron	Absent	-
Total Cations		183.54

Anions	mg/l	meq/l
Sulfate	5	0.10
Chloride	2250	63.45
Carbonate	1320	43.96
Bicarbonate	4636	76.03
Hydroxide	-	-
Hydrogen sulfide	Absent	-
Total Anions		183.54

Total dissolved solids, mg/l 10,085
 NaCl equivalent, mg/l 9,396
 Observed pH 8.7

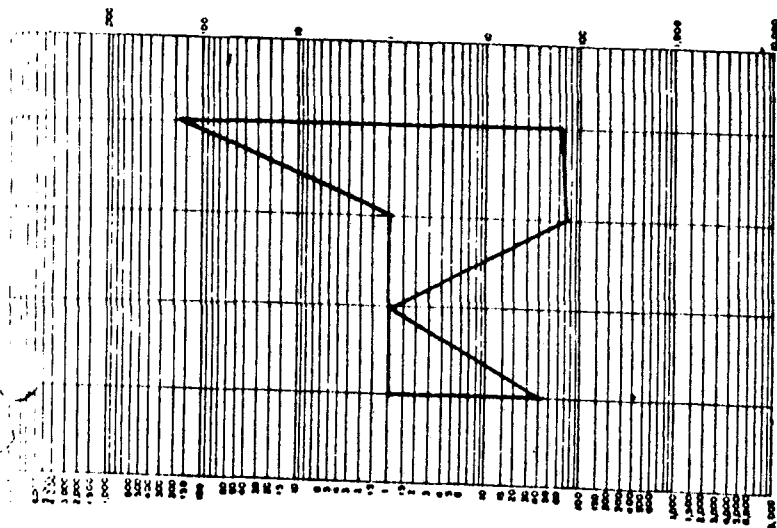
Specific resistance @ 68° F.:
 Observed 0.805 ohm-meters
 Calculated 0.700 ohm-meters

WATER ANALYSIS PATTERNS

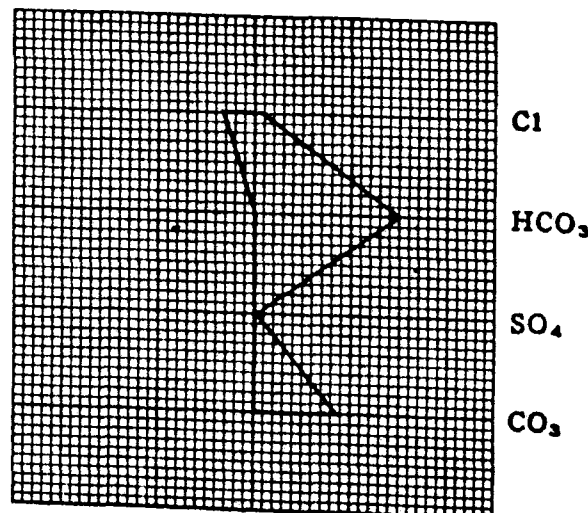
MEQ per unit

LOGARITHMIC

STANDARD



Cl Na
 50
 HCO₃ Ca
 5
 SO₄ Mg
 5
 CO₃ Fe
 5



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l = Milligrams per liter. Meq/l = Milligram equivalent per liter
 Sodium chloride equivalent by Dunlap & Hawthorne calculation from components



Chevron U.S.A. Inc.

700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

August 27, 1982

RECEIVED
SEP 07 1982

DIVISION OF
OIL, GAS & MINING

R. H. Elliott
Area Superintendent

Mr. Gilbert L. Hunt
State of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

Dear Mr. Hunt:

The following is an application for approval of Chevron's Red Wash Unit #281 (11-25B) as a Class II injection well. The well will serve as an enhanced recovery injection well for the waterflood project at Red Wash Unit in Uintah County, Utah.

Rule I-5 of Cause No. 190-3 states the procedure for applying for approval of Class II injection wells. Below is the required data or explanation needed for each item. Much of this information can be found on forms UIC-1 and UIC-2, but additional comments were included here if it was felt that they would be of use.

Rule I-5

- A. Form DOGM-UIC-1 has been completed with the original, six copies, and three complete sets of attachments furnished.
- B.
 1. The necessary plat is given in Figures 1 and 2.
 2. Form DOGM-UIC-2 has been completed.
 3. i, ii, iii, iv, v. The schematic is given in Figure 3.
 - vi. On June 2, 1982, Schlumberger Well Services ran a cement bond and variable density log on RWU #281. The cement bond log had an amplitude curve reading less than 5 MV from total depth to a depth of 3,300'. These readings indicate a very good bond with the variable density log supporting this.
 - vii. RWU #281 was not drilled as a directional well, nor were any directional surveys run on the well. Therefore, bottom hole location is given as approximately surface location.
4. Tables 1 and 2 provide estimates of the parting pressure gradient of the Green River formation at Red Wash field. These two parting pressure gradients, 0.996 psi/ft and 0.81 psi/ft, yield an average of 0.90 psi/ft. This parting pressure gradient seems high, but is being provided due to a lack of definitive step rate test information.
5. i. The injection facilities at Red Wash are rated for a maximum pressure of 3000 psi. However, it is expected that the average

working pressure will be 1800-2000 psi. The average injection rate will probably be \pm 800 BPD with a maximum of \pm 2500 BPD. The well is completed with a dual string of 2-3/8" tubing. Each string is controlled by a 2" Willis check valve. Also a 1" Halliburton meter measures the injection rate into each string. This system provides complete control of the well such that rates or pressures can be adjusted to a predetermined level. A pressure relief valve is installed on the output side of each injection pump and is set to relieve pressure at 3100 psi.

- ii. The source of the injection fluid is the produced formation water from other Red Wash wells.
 - iii. A copy of a chemical analysis of the Green River formation water is given in Table 3.
 - iv. The Green River formation is a lacustrine sand-shale sequence whose top is 2700 feet and whose bottom is 5600 feet. There are over 80 distinct mappable sand beds in the Green River, with each separated by an impermeable shale bed. The Green River is divided in to the Upper Green River (2713-4500') and the Lower Green River (4500-5640'). The injection interval for RWU #281 is the lower sand beds in the Lower Green River formation. The injection interval is 5163-5397'. The Green River formation extends throughout the entire Uinta Basin.
 - v. The overlying geologic unit is the Uintah formation. The Environmental Protection Agency has designated this area as an area with no USDW. Also the injection interval is almost 2500' below the Uintah formation with numerous impermeable beds separating them.
 - vi. The analyses of the injection formation water is the same as that given in Table 3.
- 6. The RWU #281 well has 9-5/8" surface casing set at 300' and 7" production casing set at 6051'. Injection is through dual strings of 2-3/8" tubing with the dual packer at \pm 5140' and the single packer at \pm 5300'. In the event that any well failure is detected, the well will be shut in and repaired as the situation warrants.
 - 7. After acidizing the intervals, the well was swabbed to test for commercial hydrocarbon production. The well was placed on production at \pm 19 BOPD and \pm 26 BWPD. Due to the low producing rates, the well will be converted to an injector.
 - 8. On June 1, 1982, the casing was tested to 2000 psi and held for 15 minutes. Later that day, Schlumberger Well Services ran a CBL-CCL-GR log with 1000 psi held on the casing.

August 27, 1982

9. Producing wells within 1/4 mile of #281 are RWU #1 and RWU #233. The Cement Bond Log on #233 shows a bond of fair quality. A section of excellent bonding is shown, however, from a depth of 5500' up to 4900', 300' above the top perf. Good bonding is also shown from 4730-4660 and intermittently good bonding up to the cement top at 3200'. This should be sufficient to prevent upward migration of formation fluids. The CBL on #1 was run only on the interval from + 5450-4900. Two good sections of cement bond are shown, a 60' section opposite the perforations, and a 100' section well above the perforations. The cement top is estimated to be at 2800'.

The attached information should satisfy the requirements for the UIC application for approval of Class II injection wells. If there are any further questions, please contact Michael DeBerry at (303) 691-7313.

Yours very truly,



R. H. Elliott
Area Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO. 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 515' FNL & 622' FWL NWNW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Convert to Water Injection		

5. LEASE
U-0823
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
Red Wash
8. FARM OR LEASE NAME
9. WELL NO.
281 (11-25B)
10. FIELD OR WILDCAT NAME
Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 25, T7S, R23E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
43-047-31078
15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5602'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to convert this Oil Well to a Water Injection Well as per the attached procedure.

An application to convert well to an Enhanced Recovery Injection Well has been forwarded to the State of Utah.

Attachment: Copy of Application submitted to State of Utah to use in place of NTL-2B.

3-MMS
2-State
3-Partners
1-JAH
1-Sec 723
1-LJT
1-File

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 10/21/82
BY: [Signature] Set @

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineering Asst. DATE September 9, 1982

(This space for Federal or State office use)

APPROVED BY TITLE DATE
CONDITIONS OF APPROVAL, IF ANY:

RWU NO. 281 (11-25B)
RED WASH/MAIN AREA
CRD1-2628
August 30, 1982

Conversion Procedures:

1. POOH w/ rods, pump, and tubing. Transfer same to RWU stock.
2. Determine if perfs 5397-43 are open and taking water by isolating and pumping into same w/ produced water; establish a rate at a pressure preferable not over 500 psi. These perfs were acidized during the original completion.
3. Repeat step 3 for perfs 5209-5163.
4. RIH w/ dual injection string w/ dual packer @ \pm 5140 and single string packer @ 5300. Circulate inhibited packer fluid and freeze blanket into place and turn well over to RW production.



CALCULATION SHEET
Chevron U.S.A. Inc.

Title
RWU No. 281 (11-25 B) Wellbore Schematic

Prepared by

Page No.

of

Location

Department

Project Number

7" 23# N-80 & K-55 casing

5100

50

← Dual String Packer Depth 5140

63
70

5200

97
09

50

5300

← Single String Packer Depth 5300

50

43
65
75

5400

97



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 13, 1982

Chevron U.S.A. Inc.
700 South Colorado Blvd.
P.O. Box 599
Denver, Colorado 80201

Attn: Mike DeBerry

RE: Injection Well Application
RWU #281
Sec. 25, T7S, R23E
Uintah County

Dear Mr. DeBerry:

Please address the following questions or requests concerning your injection well application.

1. Provide copies of cement bond logs for wells #281 and #233.
2. Provide, if available, water analysis from the injection zone taken from the subject well or surrounding wells.
3. Have surface owners and leaseholders within 1/2 mile of the subject well been notified of this application? If not, either notify them or provide names and addresses for them.
4. Report status of well #272, according to our file it is still a producing well.

If you have any questions, please don't hesitate to call.

Sincerely,

GILBERT L. HUNT
UIC GEOLOGIST

GLH:SC



Chevron U.S.A. Inc.

700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

September 20, 1982

R. H. Elliott
Area Superintendent

Mr. Gilbert L. Hunt
State of Utah
Natural Resources & Energy
4241 State Office Building
Salt Lake City, Utah 84114

Dear Mr. Hunt:

In regard to your letter of September 13, concerning the injection well application for Chevron's Red Wash Unit #281, enclosed are the Cement Bond Logs for wells No. 281 and No. 233. A print of the CBL for No. 233 will be sent to you as soon as possible; for the present, a xerox copy is enclosed.

At this time, water analysis is not available from the injection zone in No. 281, nor is a comparable analysis from a surrounding well. However, water samples were recently collected from this area of the Red Wash Unit and results of these analyses will be sent to you as soon as they are available.

Surface owners of the subject area have been notified of the injection well application by mail. Chevron U.S.A. Inc. is the leaseholder and operator of all wells within 1/2 mile of No. 281.

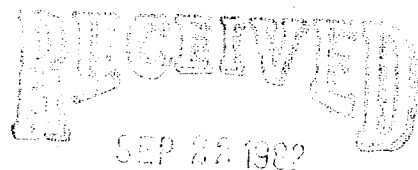
Well No. 272 (44-23B) is a producing well. At this time, there are no plans to convert this well to injection. The well was erroneously shown as an injector on the map sent with the filing.

This information should be helpful in evaluating the application for No. 281 as an injector. If there are any further questions, please contact Mr. Michael DeBerry at (303) 691-7313.

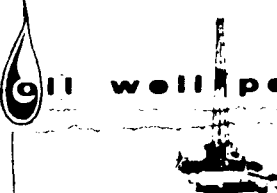
Very truly yours,

R. H. Elliott

RJS:jg
Enclosure



DIVISION OF
OIL, GAS & MINING

G.W.P. ACOUSTIC CEMENT BOND— GAMMA RAY LOG																																																				
 <p>G.W.P.</p> <p>ACOUSTIC CEMENT BOND—</p> <p>GAMMA RAY LOG</p>	<p>COMPANY CHEVRON U.S.A. INC.</p> <hr/> <p>WELL RED WASH UNIT #233</p> <hr/> <p>FIELD RED WASH</p> <hr/> <p>COUNTY Uintah STATE Utah</p> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="flex-grow: 1;"> <p>Location SW/NW</p> <hr/> <p>Sec. 25 Twp. 7S Rge. 23E</p> </div> <div style="flex-grow: 1;"> <p>Other Logs</p> <hr/> <p>Elevation</p> <hr/> <p>KB. 5629</p> <hr/> <p>DF.</p> <hr/> <p>GL. 5629</p> </div> </div> <hr/> <p>Permanent Datum GROUND LEVEL Elev. 5615</p> <hr/> <p>Log Measured From K.B. OR 14' ABOVE GROUND LEVEL</p> <hr/> <p>Drilling Measured From K.B. OR 14' ABOVE GROUND LEVEL</p>																																																			
<p>COMPANY CHEVRON USA INC.</p> <hr/> <p>WELL R.O.W.U. #233</p> <hr/> <p>FIELD RED WASH</p> <hr/> <p>County Uintah</p> <hr/> <p>State Utah</p> <hr/> <p>File</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Type Log</th> <th>S.C.B.L.</th> <th>GAMMA RAY</th> </tr> </thead> <tbody> <tr> <td>Run No.</td> <td>ONE</td> <td>ONE</td> </tr> <tr> <td>Date</td> <td>2/14/78</td> <td>2/14/78</td> </tr> <tr> <td>Total Depth Driller</td> <td>5800</td> <td></td> </tr> <tr> <td>Present Depth Driller</td> <td>5743</td> <td></td> </tr> <tr> <td>Total Depth O.W.P.</td> <td>5729</td> <td></td> </tr> <tr> <td>Survey Begins</td> <td>3000</td> <td>5729</td> </tr> <tr> <td>Survey Ends</td> <td>5729</td> <td>3500</td> </tr> <tr> <td>Truck No.</td> <td>#533</td> <td>#533</td> </tr> <tr> <td>Location</td> <td>VERNAL</td> <td></td> </tr> <tr> <td>Type Fluid In Hole</td> <td>WATER</td> <td></td> </tr> <tr> <td>Salinity PPM Cl</td> <td></td> <td></td> </tr> <tr> <td>Weight lb./gal.</td> <td></td> <td></td> </tr> <tr> <td>Fluid Level</td> <td>400'</td> <td></td> </tr> <tr> <td>Max. Hole Temp.</td> <td></td> <td></td> </tr> <tr> <td>Recorded By</td> <td>OSHIER</td> <td></td> </tr> <tr> <td>Witnessed By</td> <td>MR. KEENES</td> <td></td> </tr> </tbody> </table>	Type Log	S.C.B.L.	GAMMA RAY	Run No.	ONE	ONE	Date	2/14/78	2/14/78	Total Depth Driller	5800		Present Depth Driller	5743		Total Depth O.W.P.	5729		Survey Begins	3000	5729	Survey Ends	5729	3500	Truck No.	#533	#533	Location	VERNAL		Type Fluid In Hole	WATER		Salinity PPM Cl			Weight lb./gal.			Fluid Level	400'		Max. Hole Temp.			Recorded By	OSHIER		Witnessed By	MR. KEENES	
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SEP 22 1982

DIVISION OF OIL, GAS & MINING

LOGGING TOOL DATA			
Truck No. #533		Inst. Truck No. #533	
GAMMA RAY		Tool Serial No.	
Tool Model No.		CEMENT BOND	
Detector Model No.		Log Type ACOUSTIC	
Type GMC		Tool Model No. Dia. 3 1/8"	
Length 10"		Detector Model No.	
Distance To Bond Ref.		Free Casing = 10 CHART	
Reference Literature:		API Div.	
		Amplifier	
		Serial No.	
		Spacing	
		Transmitter TYPE III	
		Power	

LOGGING DATA									
Depth		Speed	T. C.	Gamma Ray Setting			T. C.	Bond Setting	
From	To	ft./min	Sec.	Sensitivity	Zero	Scale	Sec.	Sensitivity	Zero
3000	5729	40							
5729	3500	25		220		5"=100'			

Calibration Data BOND LOG RAN ON 15 MICROSECOND GATE SET ON FIRST NEGATIVE PULSE.
CEMENTING DATA & REMARKS:

GAMMA RAY

→

RADIATION INTENSITY INCREASES

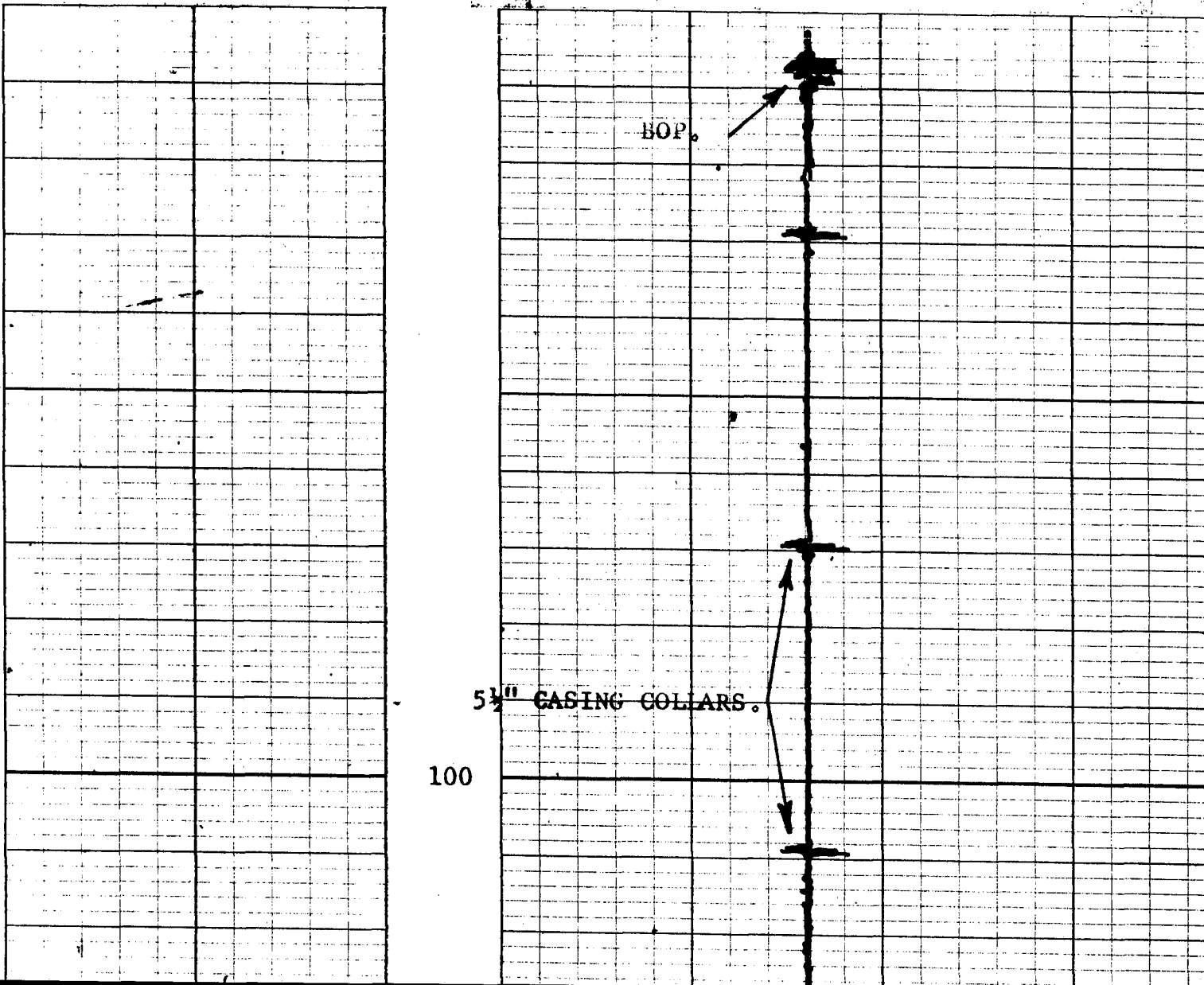
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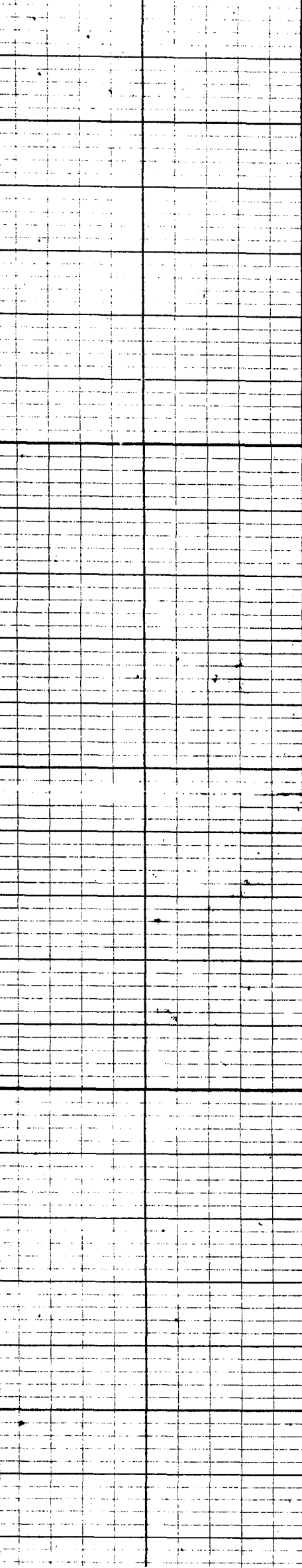
CASING & COLLAR LOG DEPTH

CEMENT BOND

←

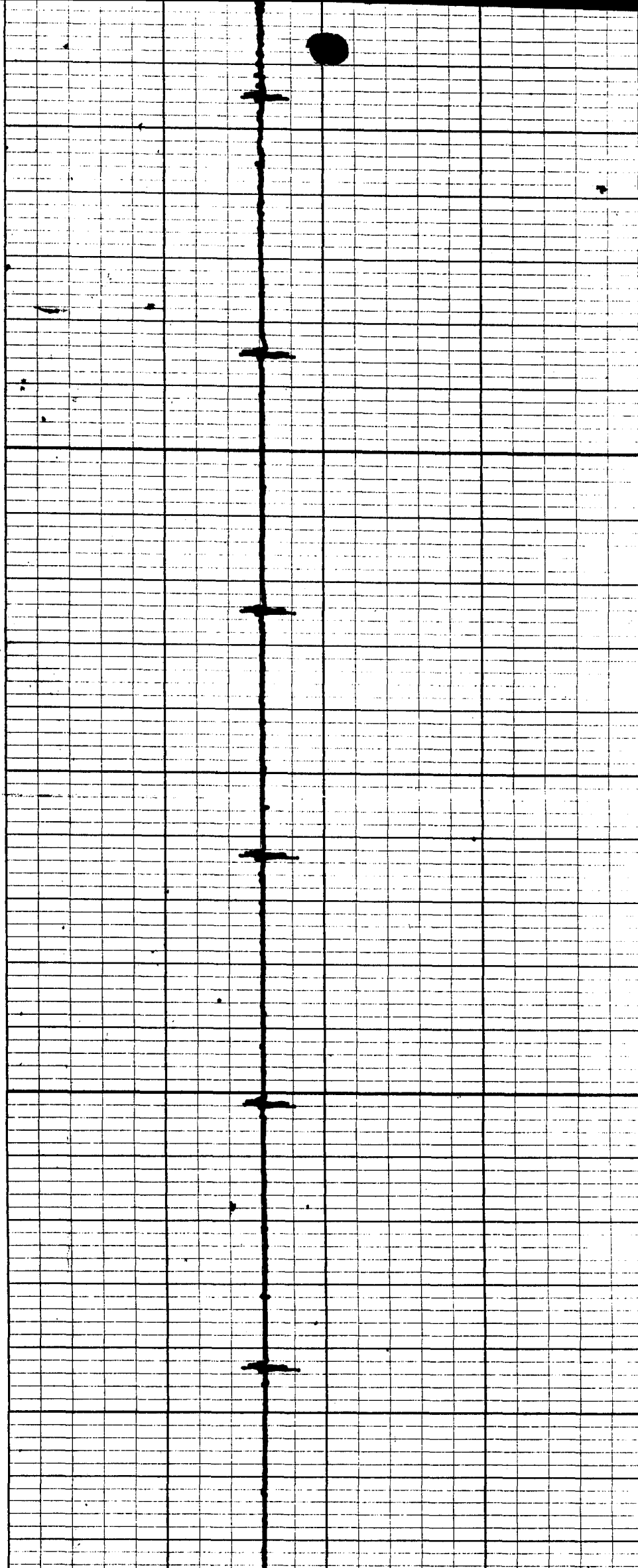
CEMENT BONDING INCREASES

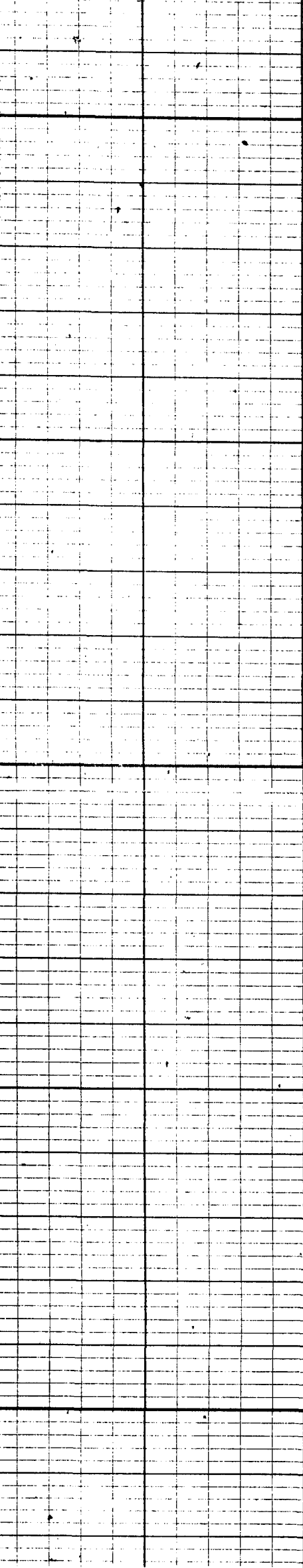




200

300

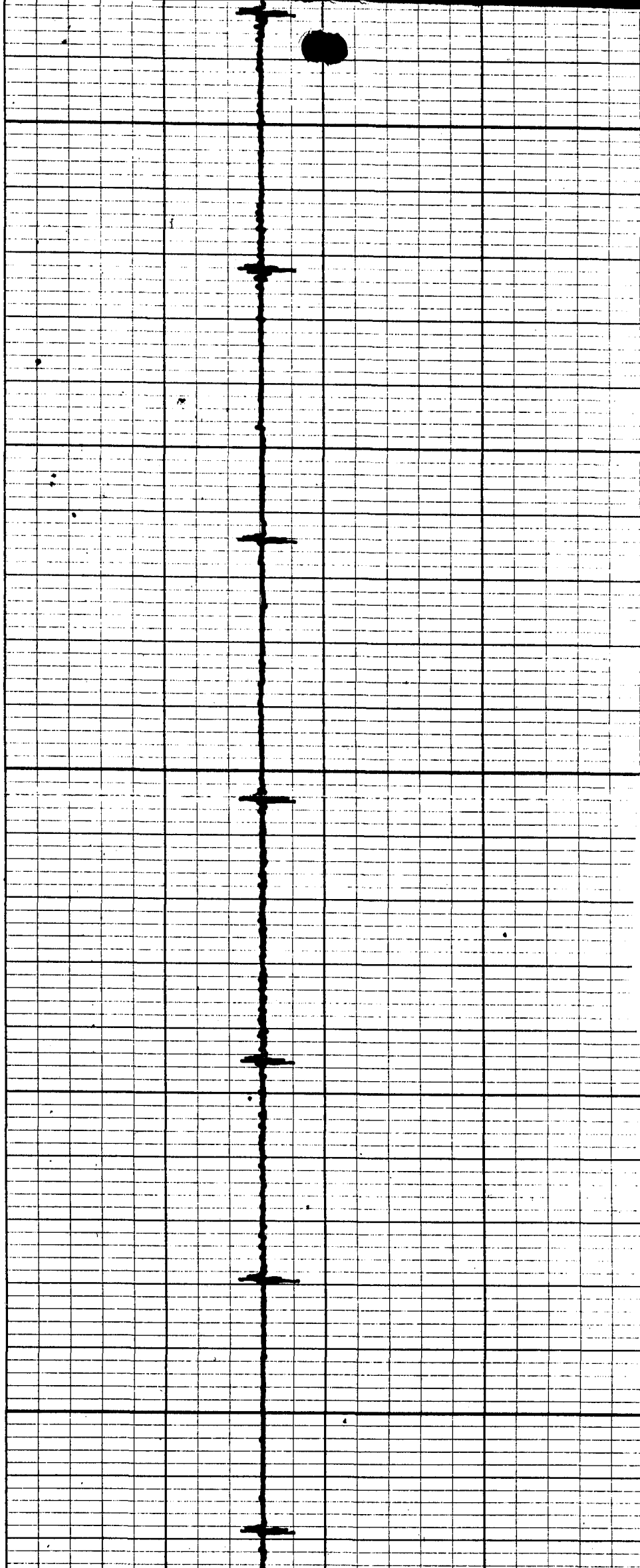


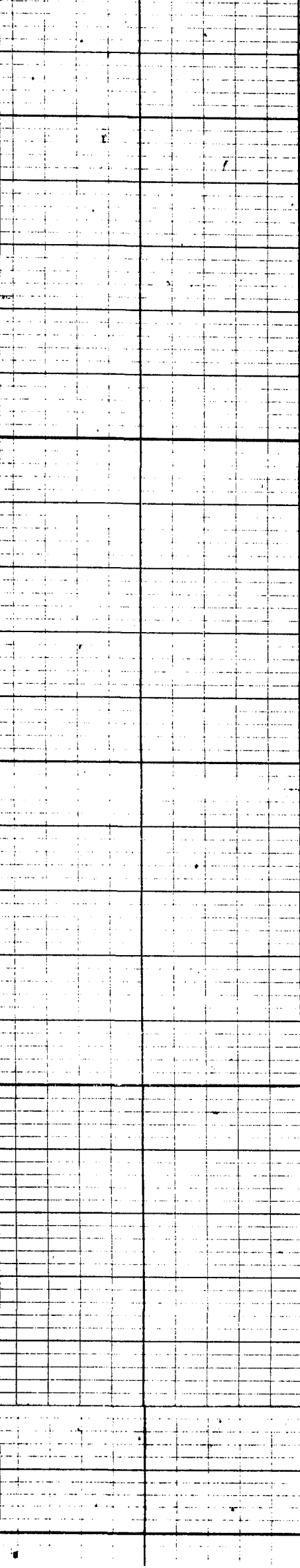


400

500

600

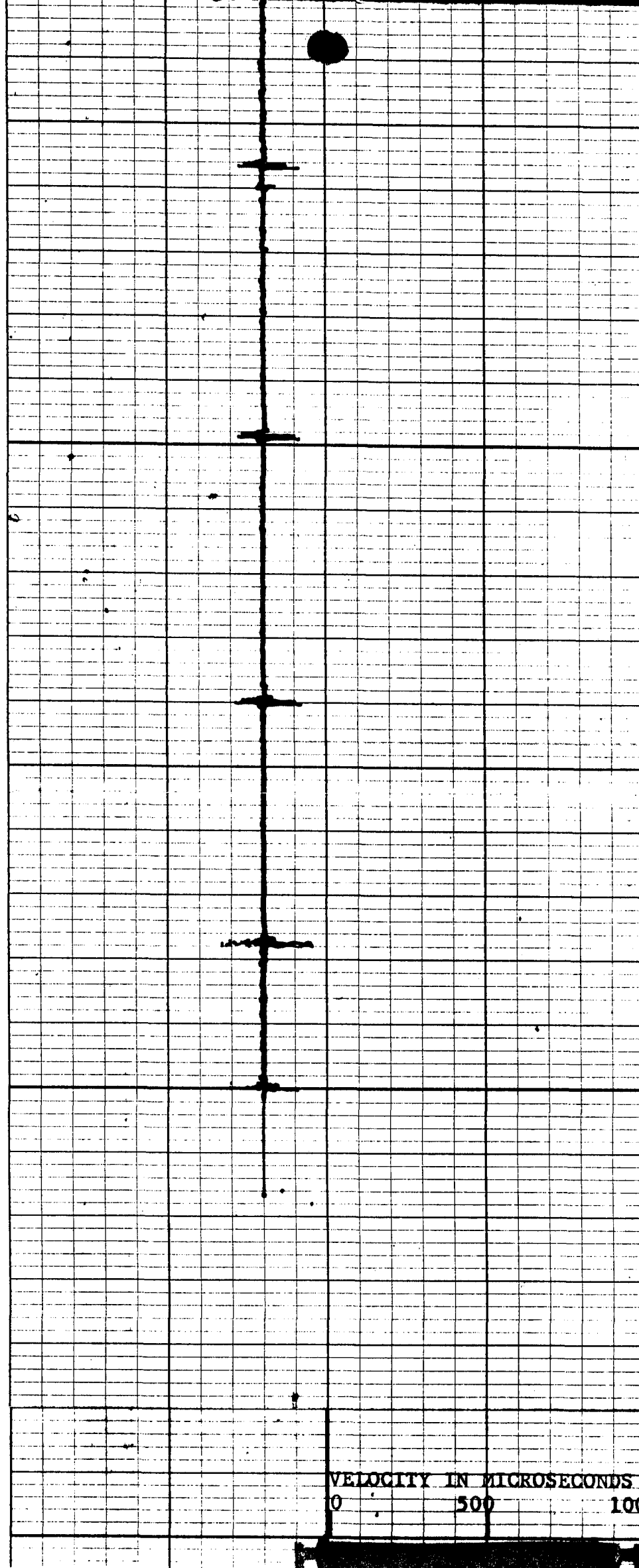




700

800

3000



VELOCITY IN MICROSECONDS

0

500

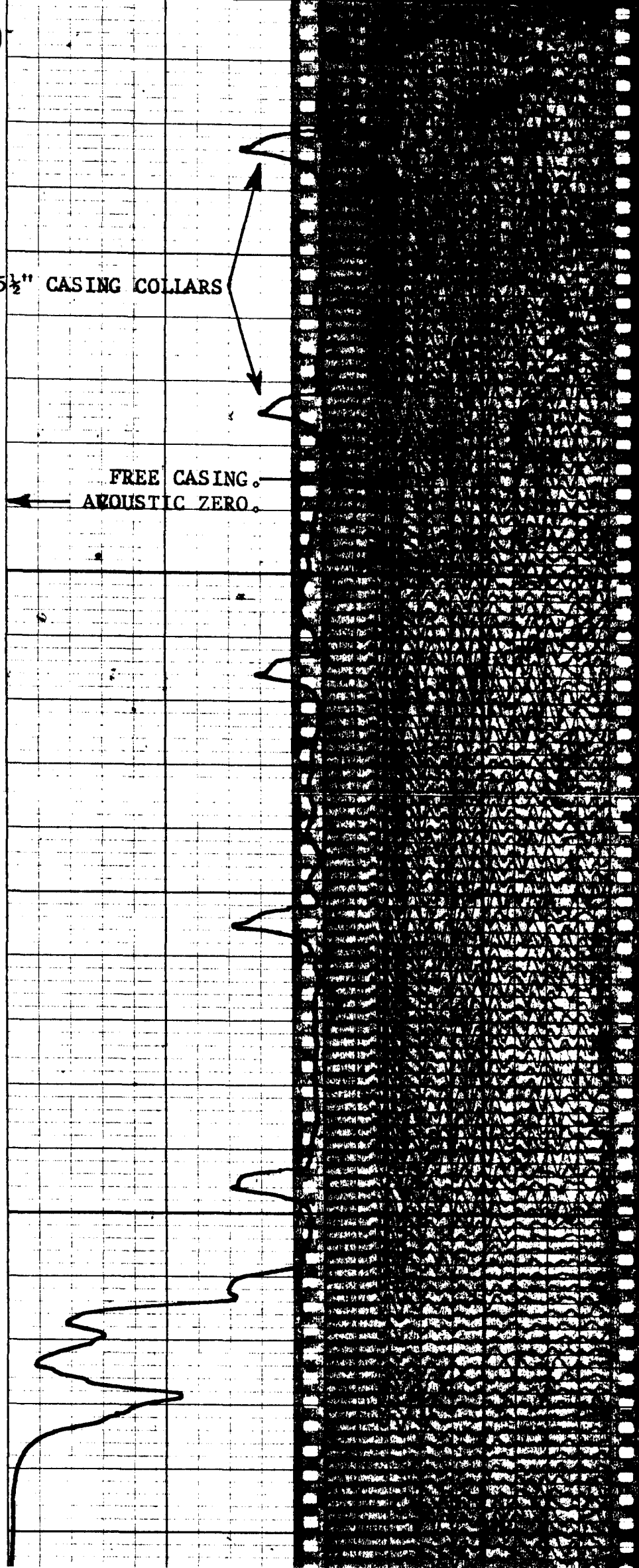
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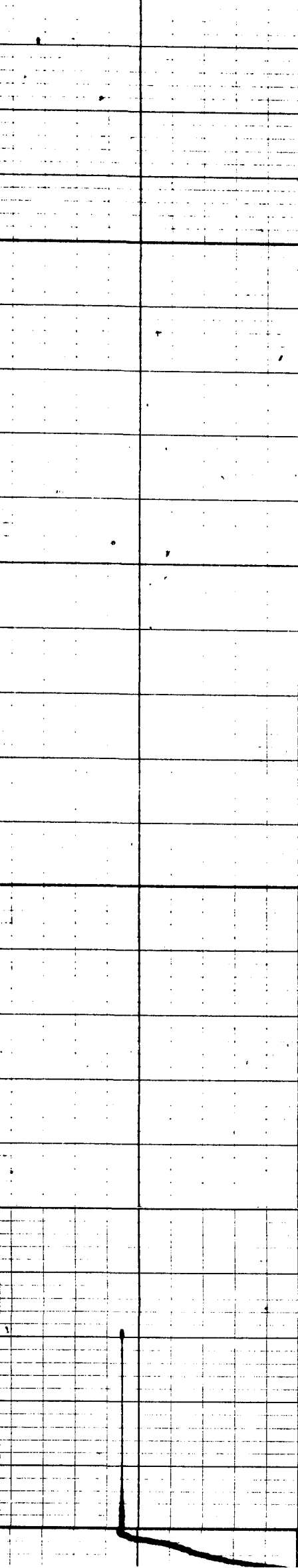
5½" CASING COLLARS

FREE CASING.
ACOUSTIC ZERO.

3100

3200

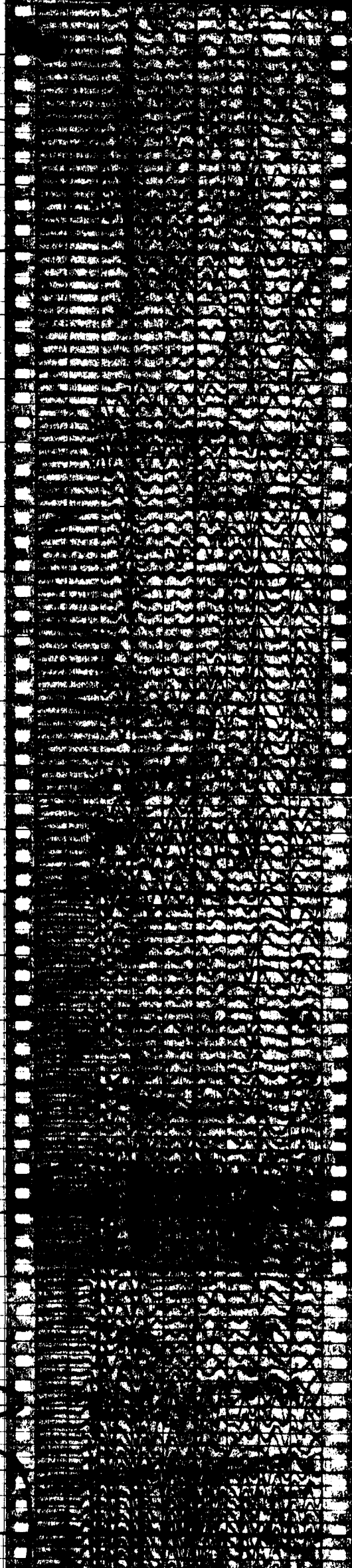
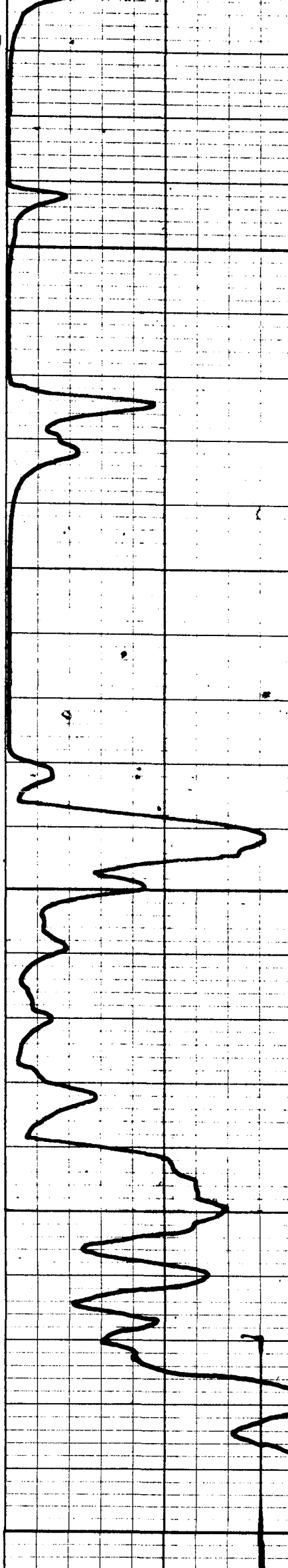


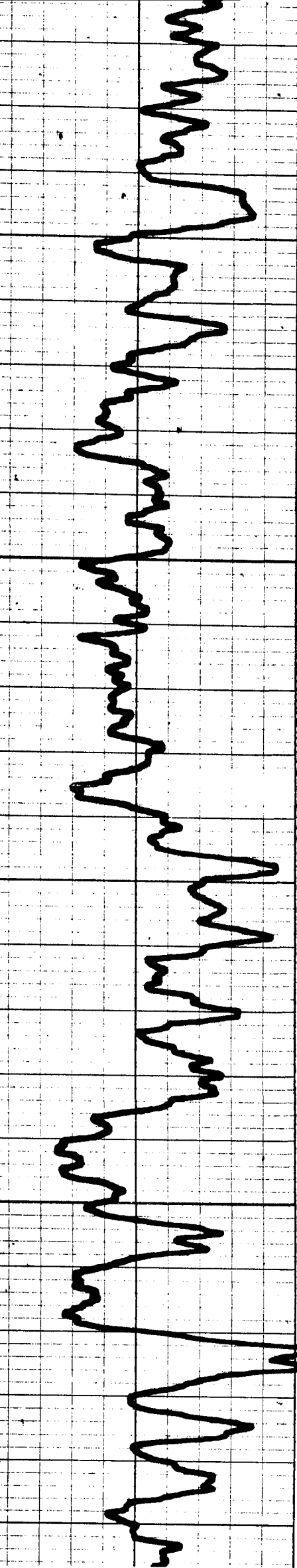


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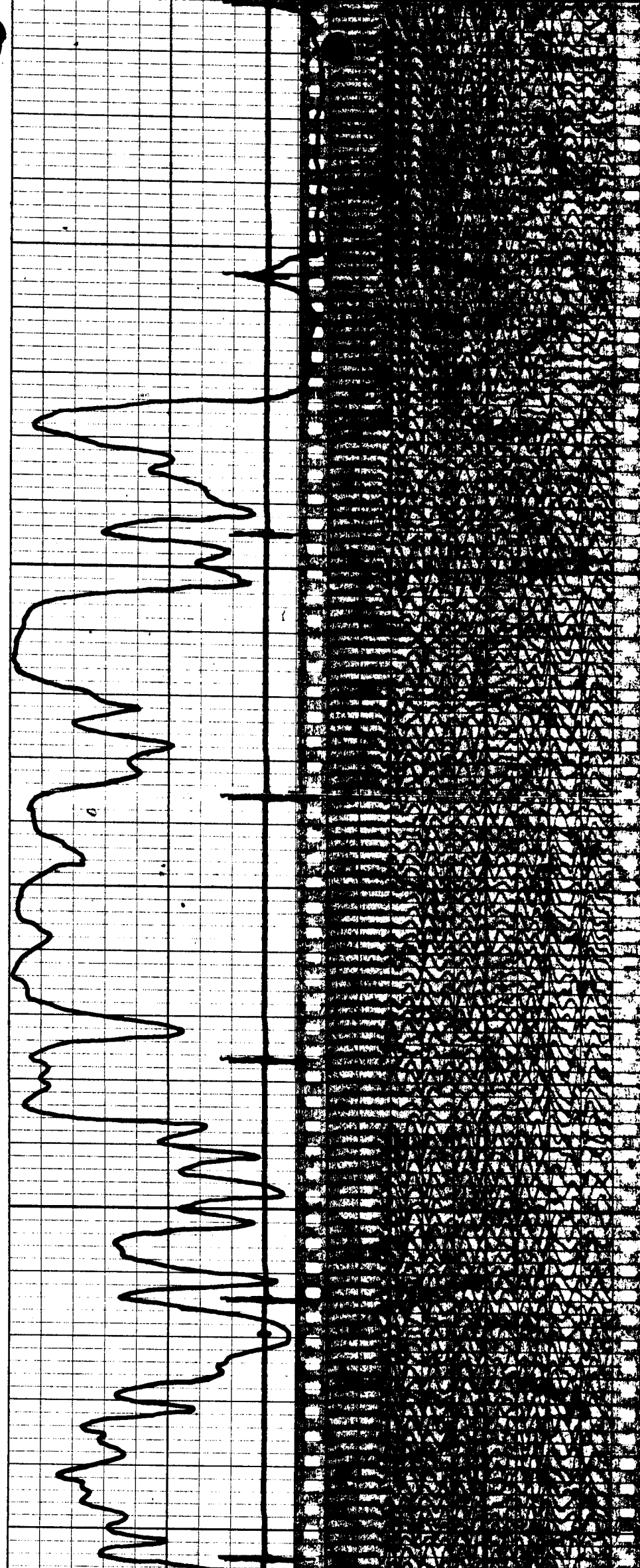
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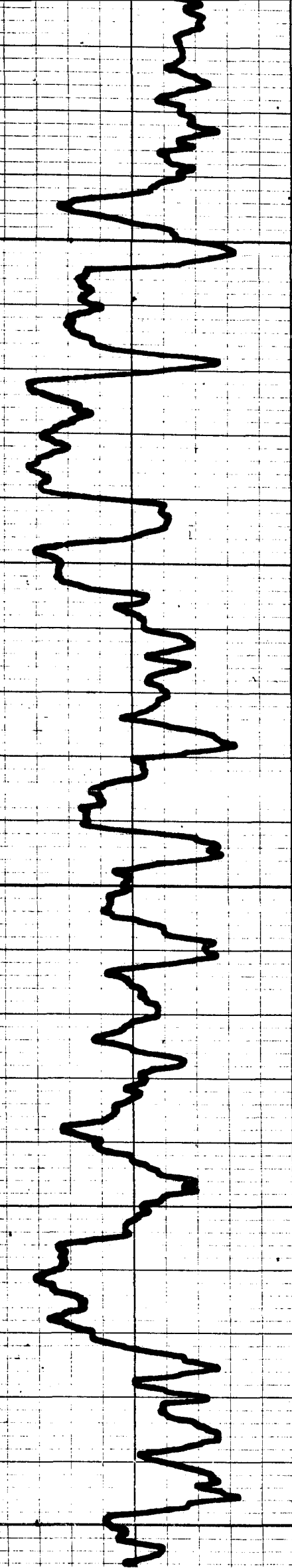




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3700

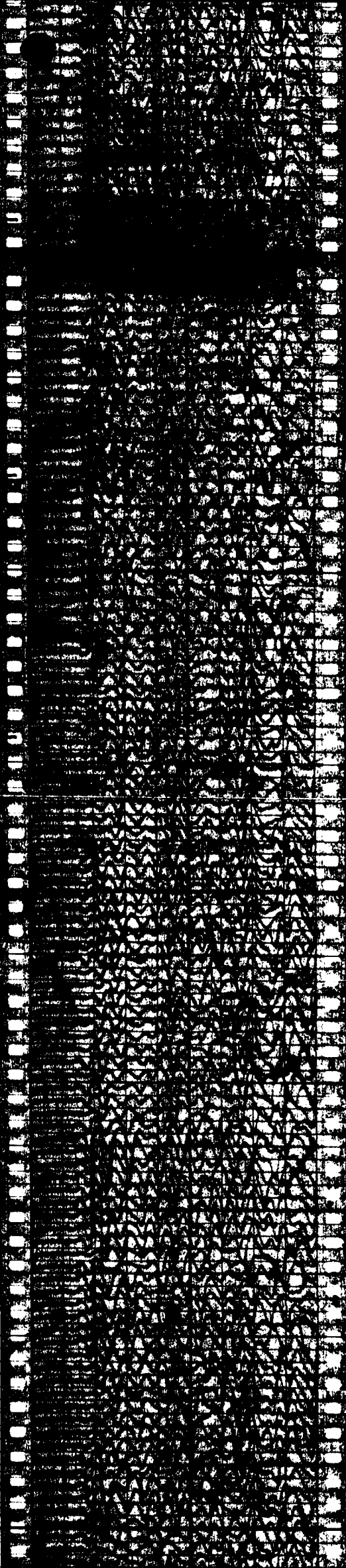
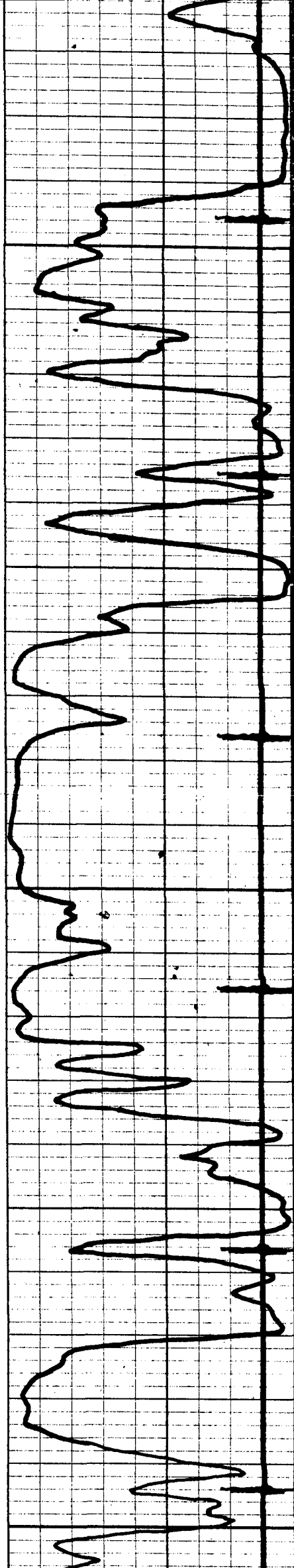


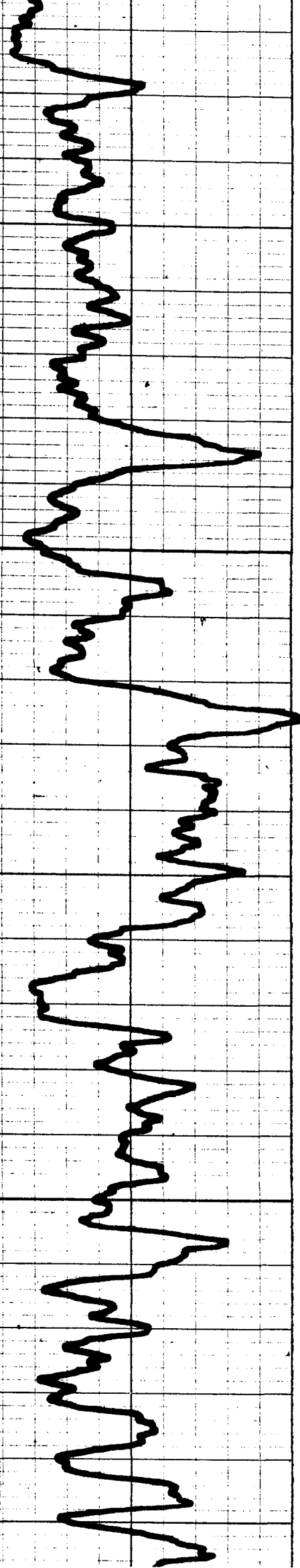


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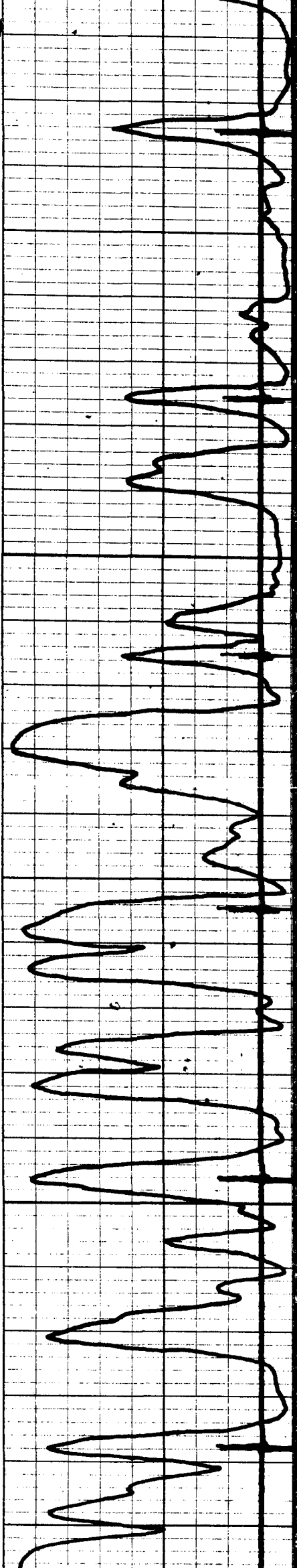
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4000

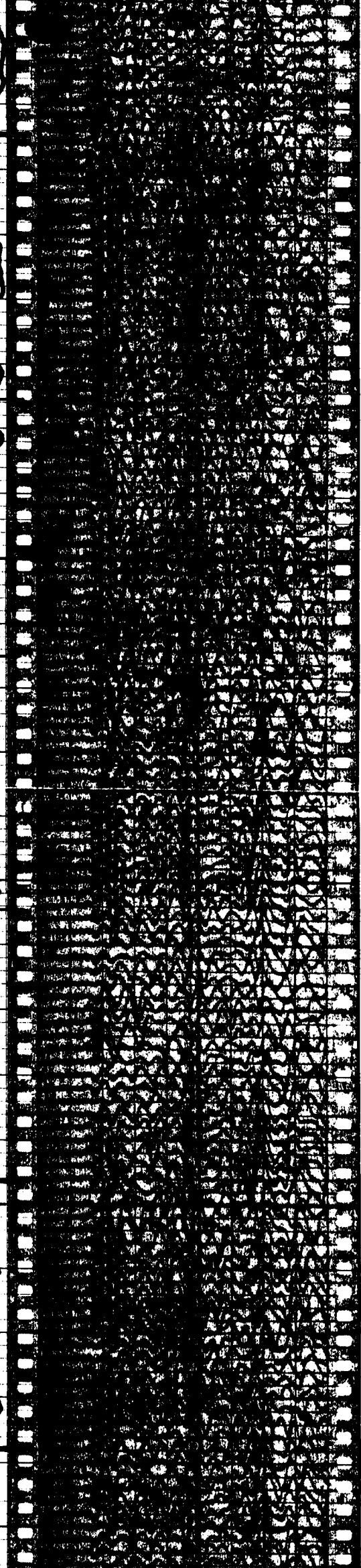


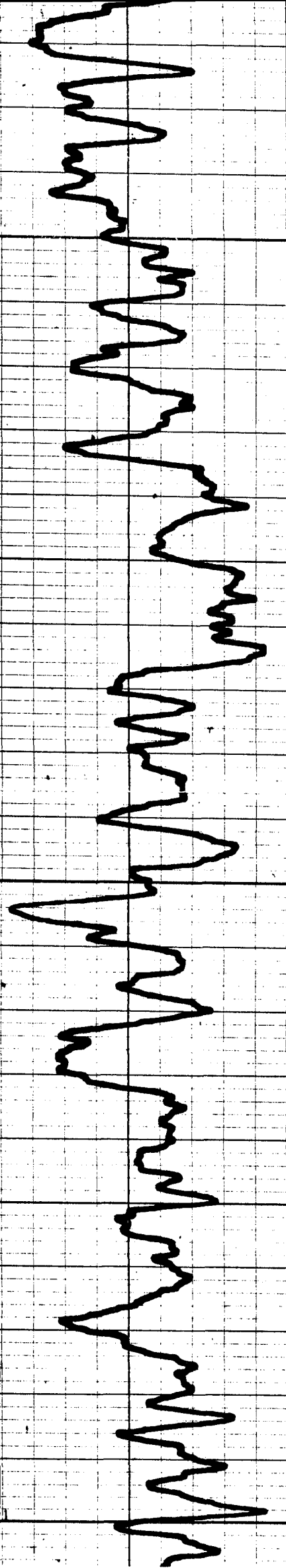


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4200

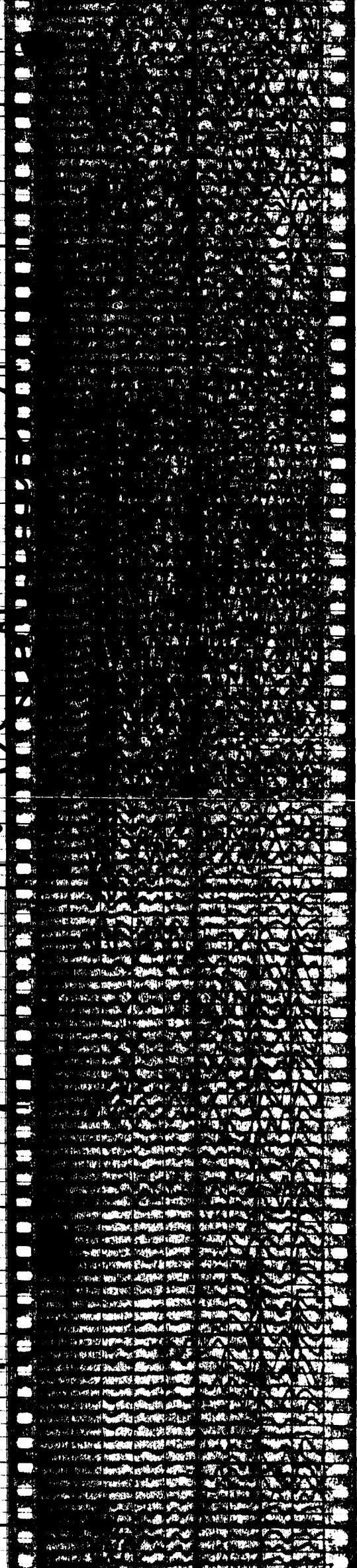
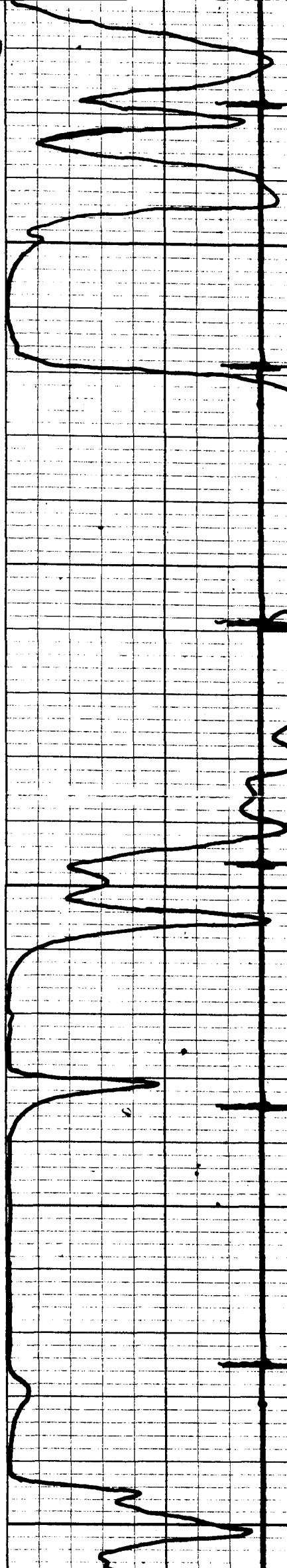


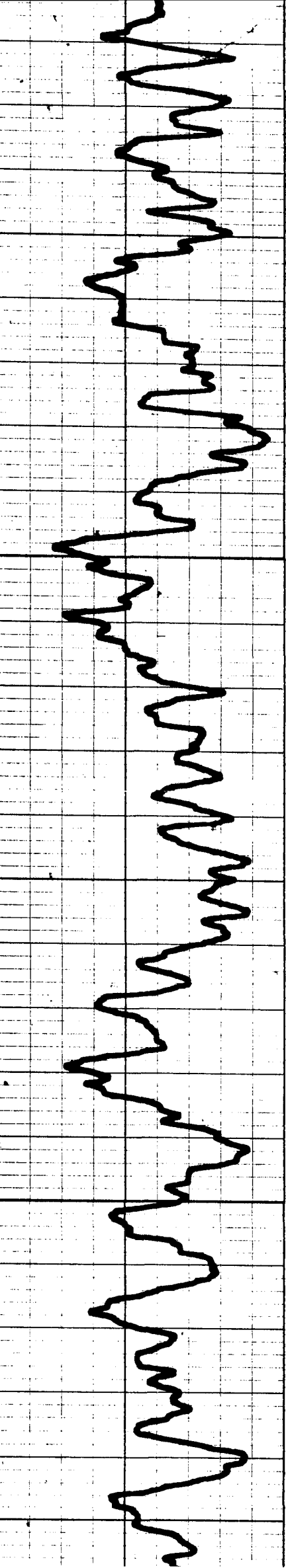


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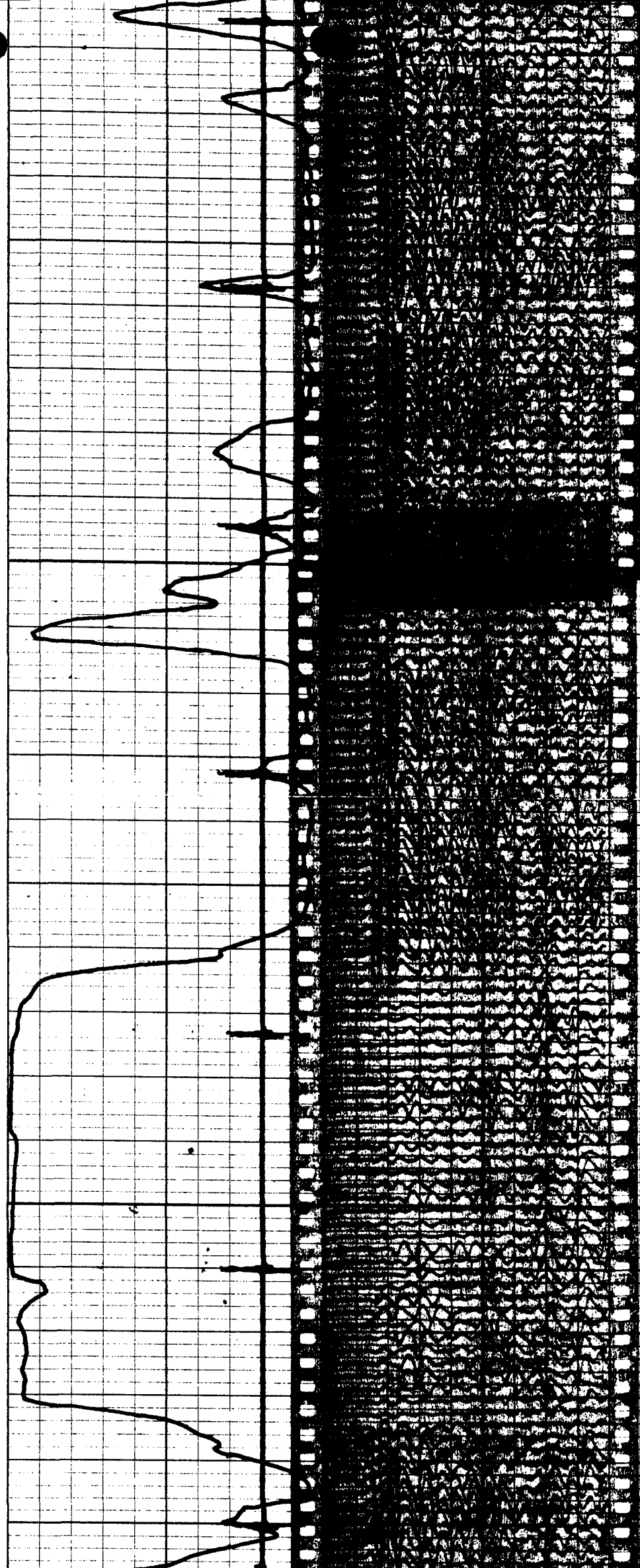
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4600

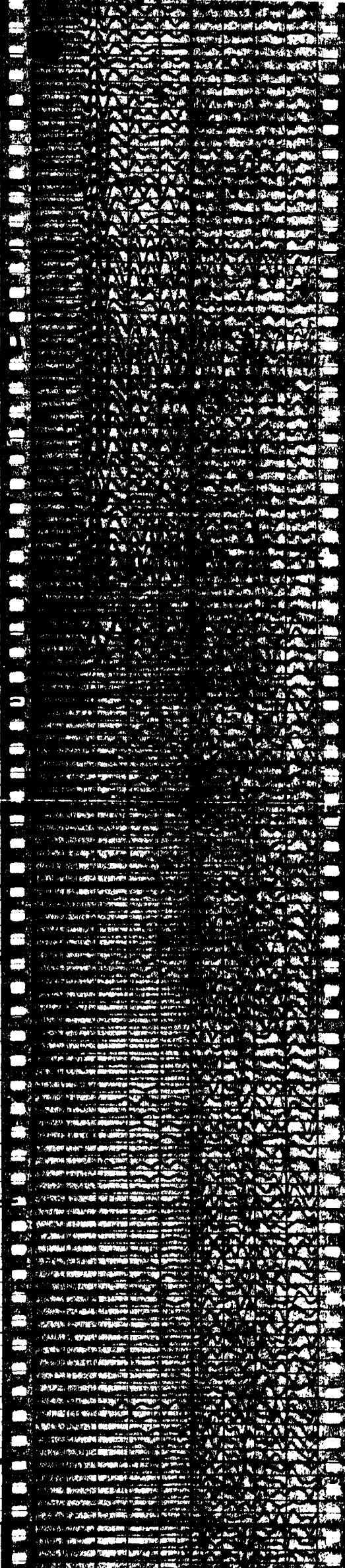
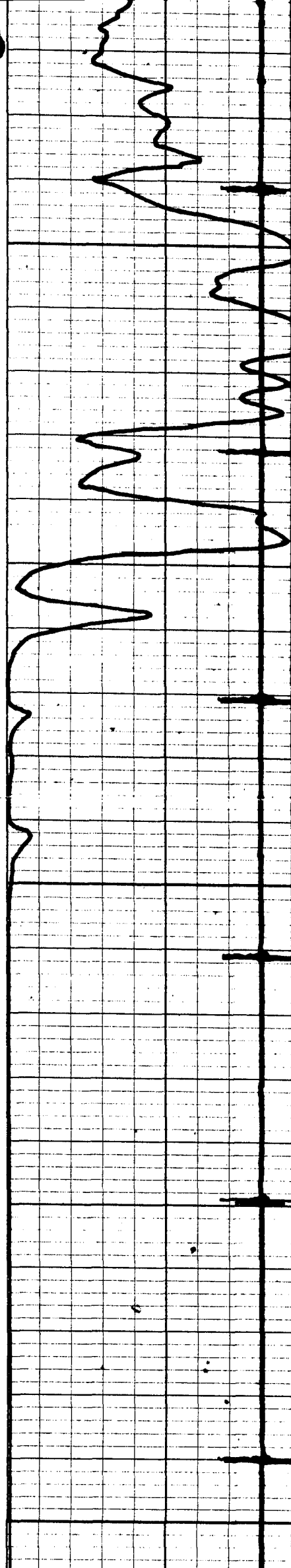
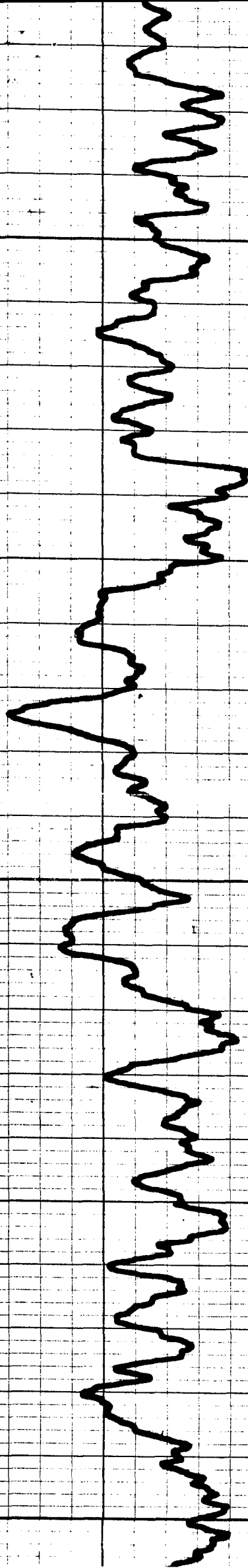
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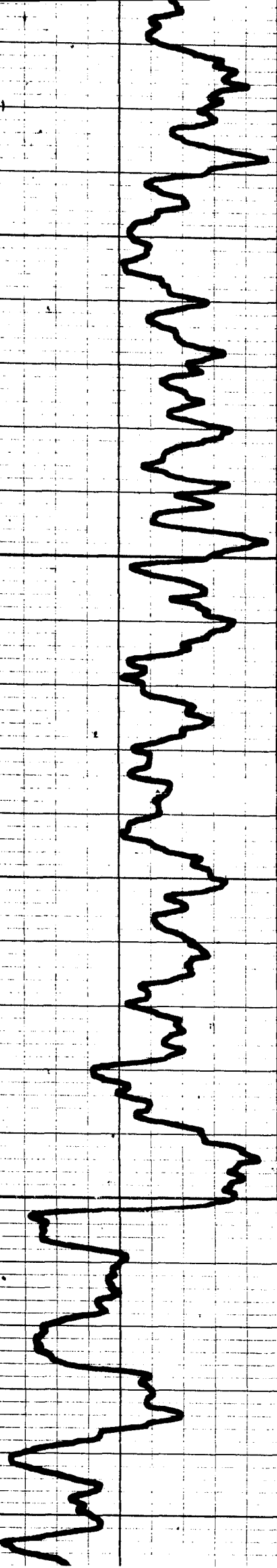


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4900

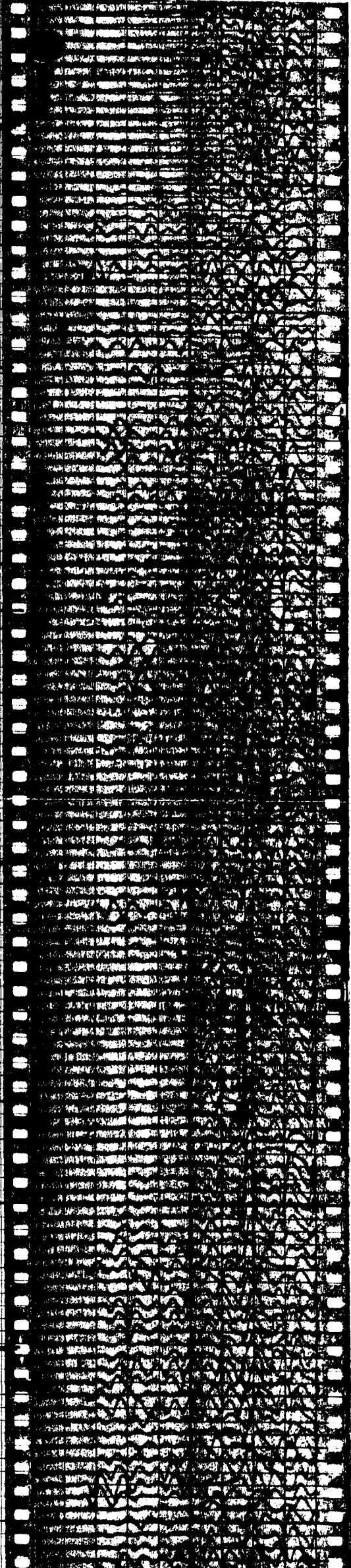
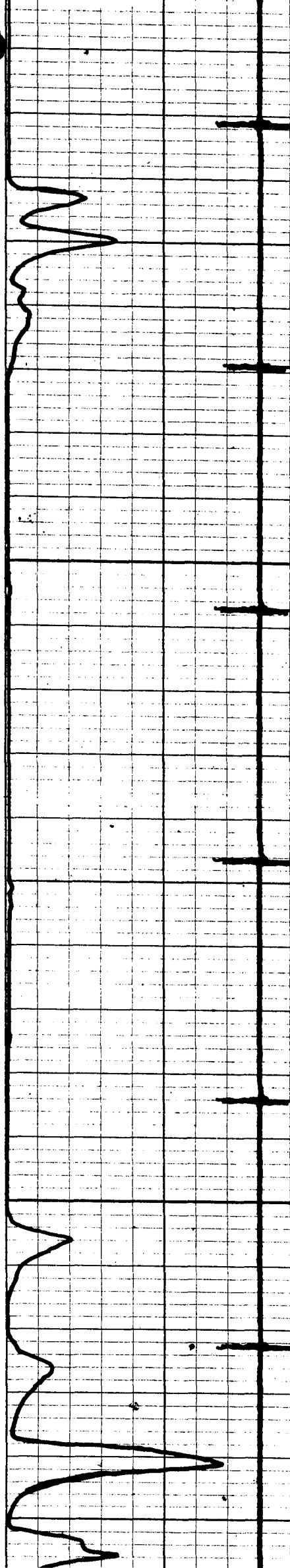
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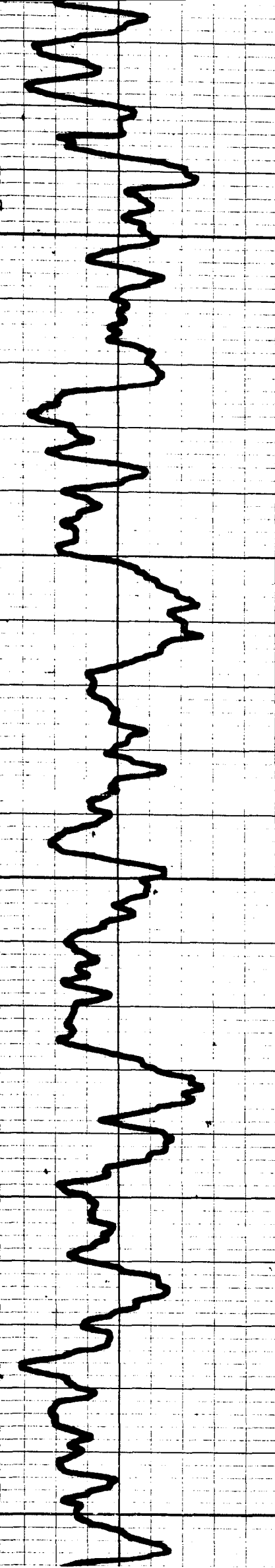




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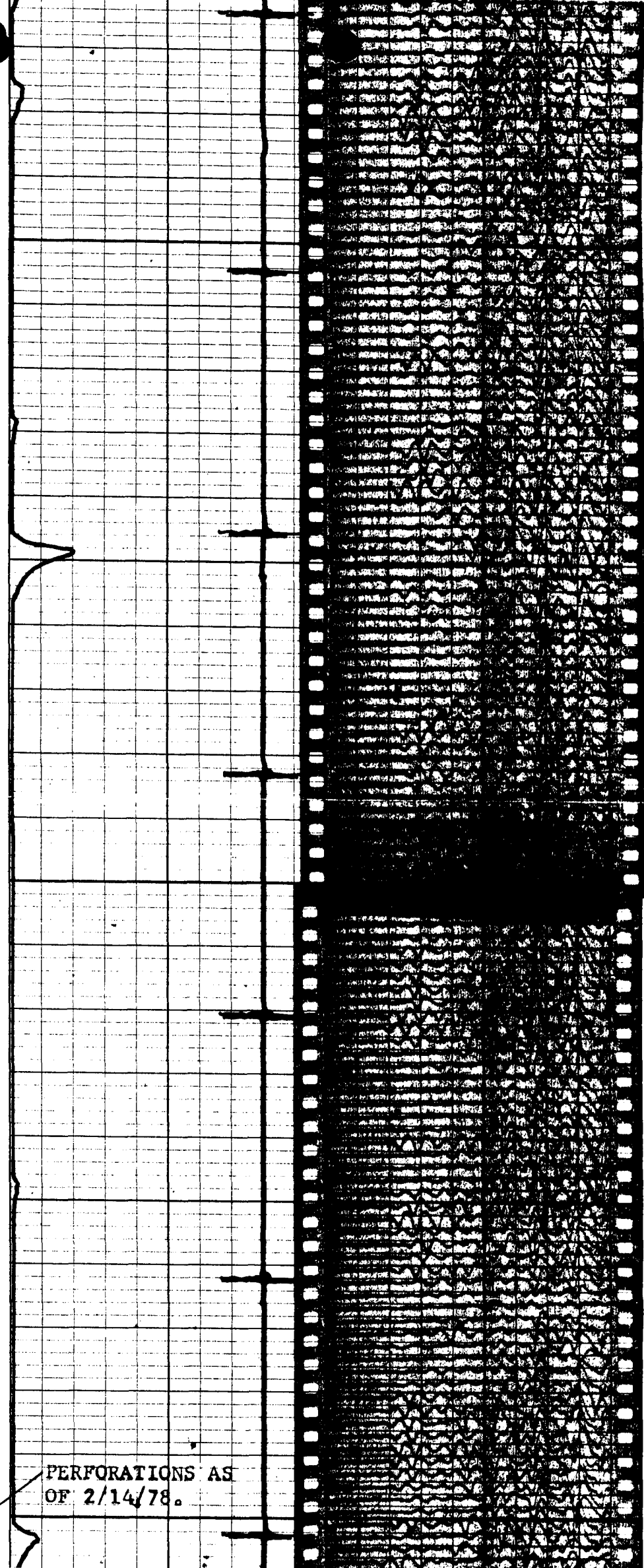


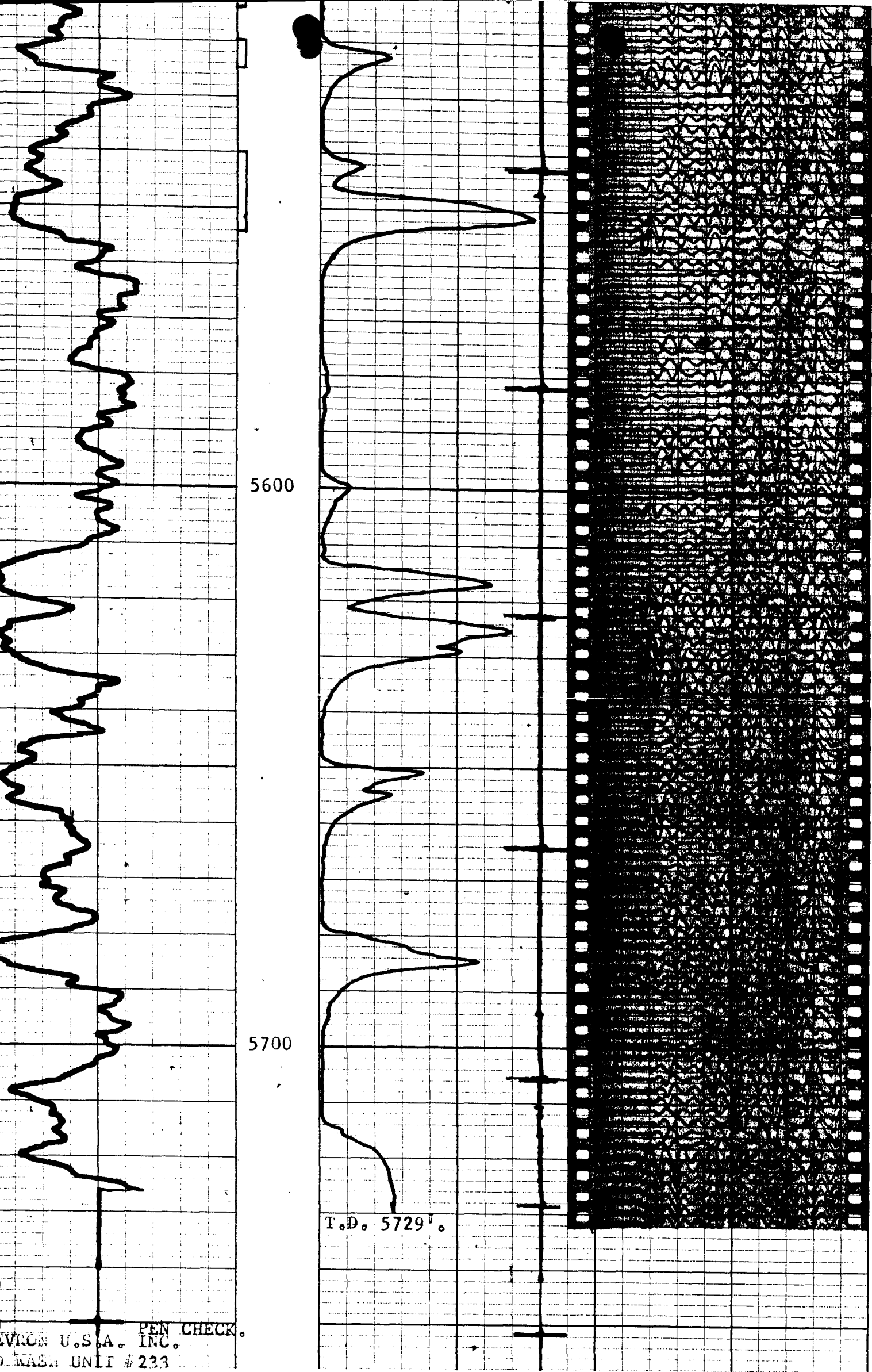
5300

5400

5500

PERFORATIONS AS
OF 2/14/78.





BEFORE THE DIVISION OF OIL, GAS AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION)	
OF CHEVRON USA, INC., FOR)	
ADMINISTRATIVE APPROVAL TO INJECT)	
WATER INTO A WELL LOCATED IN)	CAUSE NO. UIC-009
TOWNSHIP 7 SOUTH, RANGE 23 EAST,)	
UINTAH COUNTY, UTAH)	

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS,
PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS,
PARTICULARLY IN UTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., 700 South Colorado
Blvd., P.O. Box 599, Denver, Colorado 80201, is requesting that the
Division authorize the approval to convert the well mentioned below,
to a water injection well as follows:

Township 7 South, Range 23 East

#RWU 281 (11-25B) NW NW


INJECTION ZONE: Green River Formation 5163' to 5397'

MAXIMUM INJECTION PRESSURE: 2300 psi

MAXIMUM INJECTION RATE: 2500 barrels of water per day

This application will be granted unless objections are filed with
the Division of Oil, Gas and Mining within fifteen days after publication
of this Notice. Objections if any, should be mailed to: Division of
Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City,
Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



PAULA J. FRANK
Secretary of the Board



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 30, 1982

Vernal Express
Legal Advertixing
Vernal, Utah 84078

RE: CAUSE NO. UIC-009

Gentlemen:

Attached hereto is a Notice of Hearing/Order to Show Cause, before the Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 7th day of October, 1982. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very, truly yours,

DIVISION OF OIL, GAS AND MINING

PAULA FRANK
Secretary of the Board

Attachment



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 30, 1982

Newspaper Agency Corp.
Legal Advertising
143 South Main
Salt Lake City, UT 84101

RE: CAUSE NUMBERS: UIC-008 & UIC-009

Gentlemen:

Attached hereto is a Notice of Hearing/Order to Show Cause, before the Board of Oil, Gas and Mining, Department of Natural Resources, State of Utah.

It is requested that this notice be published ONCE ONLY, as soon as possible but no later than the 6th day of October, 1982. In the event that said notice cannot be published by this date, please notify this office immediately by calling 533-5771.

Upon completion of this request, please send proof of publication and statement of cost to the Division of Oil, Gas and Mining, 4241 State Office Building, Salt Lake City, Utah 84114.

Very, truly yours,

DIVISION OF OIL, GAS AND MINING

PAULA FRANK
Secretary of the Board

Attachment

CAUSE NO. UIC-009

Notice was sent to the following:

Newspaper Agency Corp.
Vernal Express

Chevron USA, Inc.,
700 South Colorado Blvd.
P.O. Box 599
Denver, CO 80201

U.S. Dept. of Health
Bureau of Water Pollution Control
Attn: Jerry Riding
Room 410
150 West North Temple
Salt Lake City, UT 84103

BLM
P.O. Box 970
Moab, UT 84532
Attn: Tom Hare
MMS
Drawer 500
Farmington, NM 87401

MMS
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

U.S. Environmental Protection Agency
Attn: Mike Strieby
1860 Lincoln Street
Denver, CO 80295

Michael X. Smith
9-30-82

Affidavit of Publication

STATE OF UTAH. }
County of Salt Lake } ss.

Debra Scroggins

CAUSE NO. UIC-009
BEFORE THE DIVISION OF
OIL, GAS AND MINING
Room 4241
State Office Building
Salt Lake City,
Utah 84114

IN THE MATTER OF THE
APPLICATION OF CHEVRON
USA, INC., FOR ADMINIS-
TRATIVE APPROVAL TO
INJECT WATER INTO A
WELL LOCATED IN TOWN-
SHIP 7 SOUTH, RANGE 23
EAST, UTAH COUNTY,
UTAH

THE STATE OF UTAH TO
ALL PERSONS, OWNERS,
PRODUCERS, OPERATORS,
PURCHASERS AND TAKERS
OF OIL AND GAS AND ALL
OTHER INTERESTED PER-
SONS, PARTICULARLY IN
UTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN
that Chevron USA, Inc., 700
South Colorado Blvd., P.O. Box
599, Denver, Colorado 80201, is
requesting that the Division
authorize the approval to con-
vert the well mentioned below,
to a water injection well as fol-
lows:

Township 7 South,
Range 23 East
#RWU 281(11-25B)NW NW
INJECTION ZONE: Green
River Formation 5143' to 5397'
MAXIMUM INJECTION
PRESSURE: 2300 psi
MAXIMUM INJECTION
RATE: 2500 barrels of water
per day

This application will be
granted unless objections are
filed with the Division of Oil,
Gas and Mining within fifteen
days after publication of this
Notice. Objections, if any,
should be mailed to: Division of
Oil, Gas and Mining, Room 4241
State Office Building, Salt Lake
City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
PAULA J. FRANK
Secretary
of the Board

B-63

Being first duly sworn, deposes and says that he is legal ad-
vertising clerk of THE SALT LAKE TRIBUNE, a daily news-
paper printed in the English language with general circula-
tion in Utah, and published in Salt Lake City, Salt Lake
County in the State of Utah, and of the DESERET NEWS
a daily (except Sunday) newspaper printed in the English
language with general circulation in Utah, and published in
Salt Lake City, Salt Lake County, in the State of Utah.

That the legal notice of which a copy is attached hereto

Pub. Cause No. UIC-009

was published in said newspapers on

Oct. 6, 1982

Debra Scroggins
Legal Advertising Clerk

Subscribed and sworn to before me this 6th day of
October A.D. 19 82.

J. H. Thompson
Notary Public

My Commission Expires

Feb. 11, 1986

Affidavit of Publication

STATE OF UTAH. }
County of Salt Lake } ss.

Debra Scroggins

CAUSE NO. UIC-009
BEFORE THE DIVISION OF
OIL, GAS AND MINING
Room 4241
State Office Building
Salt Lake City,
Utah 84114

IN THE MATTER OF THE
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STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING
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STATE OF UTAH
DIVISION OF OIL,
GAS AND MINING

CAUSE NO. UIC-009

BEFORE THE DIVISION OF OIL, GAS AND MINING, Room 4241 State Office Building, Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., 700 South Colorado Blvd., P. O. Box 599, Denver, Colorado 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 7 South, Range 23 East

No. RWU 281 (11-25B) NW NW

INJECTION ZONE: Green River Formation 5163' to 5397'

MAXIMUM INJECTION PRESSURE: 2300 psi

MAXIMUM INJECTION RATE: 2500 barrels of water per day

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

PAULA J. FRANK
Secretary of the Board

Published in the Vernal Express Oct. 6, 1982

PROOF OF PUBLICATION

STATE OF UTAH, } ss.
County of Uintah }

I, Lisa Ann Wardell,

being duly sworn, depose and say, that I am the Business Manager of The Vernal Express, a semi-weekly newspaper of general circulation, published twice each week at Vernal, Utah, that the notice attached hereto was published in said newspaper

for one consecutive publications,

the first publication having been made on

the 6th day of October, 1982

and the last on the _____ day of

_____, 19____, that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Lisa Ann Wardell
Manager

Subscribed and sworn to before me,

this 6th day of October

A. D. 1982.

[Signature]
Notary Public, Residence, Vernal, Utah

June 16, 1985

My Commission expires _____

CAUSE NO. UIC-009

BEFORE THE DIVISION OF OIL, GAS AND MINING, Room 4241 State Office Building, Salt Lake City, Utah 84114

IN THE MATTER OF THE APPLICATION OF CHEVRON USA, INC., FOR ADMINISTRATIVE APPROVAL TO INJECT WATER INTO A WELL LOCATED IN TOWNSHIP 7 SOUTH, RANGE 23 EAST, UINTAH COUNTY, UTAH

THE STATE OF UTAH TO ALL PERSONS, OWNERS, PRODUCERS, OPERATORS, PURCHASERS AND TAKERS OF OIL AND GAS AND ALL OTHER INTERESTED PERSONS, PARTICULARLY IN UINTAH COUNTY, UTAH:

NOTICE IS HEREBY GIVEN that Chevron USA, Inc., 700 South Colorado Blvd., P. O. Box 599, Denver, Colorado 80201, is requesting that the Division authorize the approval to convert the well mentioned below, to a water injection well as follows:

Township 7 South, Range 23 East

No. RWU 281 (11-25B) NW NW

INJECTION ZONE: Green River Formation 5163' to 5397'

MAXIMUM INJECTION PRESSURE: 2300 psi

MAXIMUM INJECTION RATE: 2500 barrels of water per day

This application will be granted unless objections are filed with the Division of Oil, Gas and Mining within fifteen days after publication of this Notice. Objections if any, should be mailed to: Division of Oil, Gas and Mining, Room 4241 State Office Building, Salt Lake City, Utah 84114.

STATE OF UTAH
DIVISION OF OIL, GAS
AND MINING

PAULA J. FRANK
Secretary of the Board

Published in the Vernal Express Oct. 6, 1982

PROOF OF PUBLICATION

STATE OF UTAH, }
County of Uintah } ss.

I, Lisa Ann Vardell,

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for one consecutive publications,

the first publication having been made on

the 6th day of October, 1982

and the last on the _____ day of

_____, 19____, that said notice

was published in the regular and entire issue of every number of the paper during the period and times of publication, and the same was published in the newspaper proper and not in a supplement.

By Lisa Ann Vardell

Manager

Subscribed and sworn to before me,

this 6th day of October

A. D. 1982

Notary Public, Residence, Vernal, Utah

My Commission expires _____

June 16, 1985

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF **(COMMENCEMENT)** (TERMINATION) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/Termination October 25, 1982

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name RWU No. 281 (11-25B)

Location: Section 25 Twp. 7S Rng. 23E, County Uintah

Order No. authorizing Injection UIC-009 Date October 25, 1982

Zone into Which Fluid Injected Lower Green River

If this is a Notice of Termination of injection, please indicate date well commenced injection. NA

If this is a Notice of Termination of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval NA


Operator Chevron U.S.A. Inc.

Address P. O. Box 599, Denver, CO 80201

RECEIVED

NOV 04 1982

DIVISION OF
OIL, GAS & MINING


Signature

November 1, 1982
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☐ well ☐ other Water Injection Well

2. NAME OF OPERATOR

Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR

P.O. Box 599, Denver, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 515' FNL & 622' FWL, NWNW

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

☐
☐
☐
☐
☐
☐
☐
☐

(other) Convert to Water Injection

5. LEASE

U-0823

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

281 (11-25B)

10. FIELD OR WILDCAT NAME

Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 25, T7S, R23E

12. COUNTY OR PARISH

13. STATE

Uintah

Utah

14. API NO.

43-047-31078

15. ELEVATIONS (SHOW DF, KDB, AND WD)

KB 5602'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well was converted from an oil well to a water injection well as per the attached.

3-MMS
2-State
3-Partners
1-JAH
1-Sec. 723
1-LJT
1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineering Asst. DATE November 8, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/12/82
BY: [Signature]

RWU NO. 281 (11-25B)
RED WASH/MAIN AREA
November 8, 1982

Conversion Procedures:

- 10-2-82 POOH w/rods, pump, and tubing.
- 10-4-82 Determined perfs 5397-43 are open and taking water by isolating and pumping into same w/produced water; established a rate at a pressure not over 600 psi. These perfs were acidized during the original completion.
- 10-4-82 Repeated above for perfs 5209-5163.
- 10-6-82 RIH w/dual injection string w/dual packer @ 5095' and single string packer @ 5300. Circulate inhibited packer fluid and freeze blanket into place and turn well over to RW production.

OPERATOR: CHEVRON U.S.A., INC.

WELL # 11-25B (281) SEC. 25 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 6051 TYPE WELL injection MAX. INJ. PRESS. 3500

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	9 5/8"	300	250			
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	7"	6051	1000	450 psi	will be checked	
<u>TUBING</u>	2 3/8"	5141	PAC	2050 psi	OK	
<u>TUBING</u>	2 3/8"	5300	PAC	2155 psi	OK	

REMARKS:

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: CHEVRON U.S.A., INC.

FIELD: RED WASH LEASE: U-083

WELL # 11-25B(281) NW NW SEC. 25 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 6051 TYPE WELL injection MAX. INJ. PRESS. 3500 psi

TEST DATE 8/23/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>9 5/8"</u>	<u>300</u>	<u>250</u>			
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>	<u>7"</u>	<u>6051</u>	<u>1000</u>	<u>410 psi</u>	<u>CTAP*</u>	
<u>TUBING SS</u>	<u>2 3/8"</u>	<u>5140</u>	<u>Pack</u>	<u>2140 psi</u>		
<u>TUBING LS</u>	<u>2 3/8"</u>	<u>5300</u>	<u>Pack</u>	<u>2085 psi</u>		

REMARKS:

Operator reported a casing tubing annulus pressure of 1810 psi
in June. On 7/12/84 CTAP = 450 psi. Operator by letter
was requested to recheck well for packer failure
or tubing failure.

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: CHEVRON U.S.A., INC.

FIELD: RED WASH LEASE: U-0823

WELL # 11-25B (281) NWNW SEC. 25 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 6051 TYPE WELL WI MAX. INJ. PRESS. 3000 psi

TEST DATE 9/6/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>9 5/8"</u>	<u>300</u>	<u>250</u>	<u></u>	<u></u>	<u></u>
<u>INTERMEDIATE</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>PRODUCTION</u>	<u>7"</u>	<u>6051</u>	<u>1000</u>	<u>440 psi</u>	<u>CTAP*</u>	<u></u>
<u>TUBING SS</u>	<u>2 3/8"</u>	<u>5140</u>	<u>Pack</u>	<u>2160 psi</u>	<u></u>	<u></u>
<u>TUBING LS</u>	<u>2 3/8"</u>	<u>5300</u>	<u>Pack</u>	<u>2100 psi</u>	<u></u>	<u></u>

REMARKS:

Operator reported a casing-tubing annulus pressure of
1810 psi in June. On 7/12/84 CTAP = 450 psi. Well
recheck in near future

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil ☐ Gas ☐
Well ☐ Well ☒ Other W/W

2. Name of Operator

CHEVRON U.S.A. PRODUCTION CO.

3. Address and Telephone No.

P.O. BOX 599, DENVER, CO.80201 (303) 930-3691

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

515 FNL, 622 FWL, SEC. 25, T7S, R23E

5. Lease Designation and Serial No.

U - 0823

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RED WASH

8. Well Name and No.

281 (11-25B)

9. API Well No.

43-047-31078

10. Field and Pool, or Exploratory Area

RED WASH - GRN. RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other STATUS

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

THIS WELL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

3 - BLM
3 - STATE
1 - JTC
1 - WELL FILE
1 - JLW

RECEIVED

APR 15 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature]

Title PERMIT SPECIALIST

Date 4/8/92

(This space for Federal or State office use)

Approved by: _____

Title _____

Date _____

Conditions of approval, if any: _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
Oil ☐ Gas ☐
☐ Well ☐ Well ☒ Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
515 FNL, 622 FWL, SEC. 25, T7S, R23E

5. Lease Designation and Serial No.
U-0823

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash Unit

8. Well Name and No.
RWU #281 (11-25B)

9. API Well No.
43-047-31078

10. Field and Pool, or Exploratory Area
Red Wash-Grn. River

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other _____

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.

RECEIVED

FEB 18 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed

Diana Hough

Title

Oper Assistant

Date

02/09/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF

SHUT-IN WELLS

WONSITS VALLEY STATE/FEDERAL UNIT

UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT

170 SOUTH 500 EAST

VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J.T. CONLEY

AREA OPERATIONS SUPERVISOR

sdm

Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED

FEB 18 1993

**DIVISION OF
OIL GAS & MINING**



Chevron U.S.A. Inc.

P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

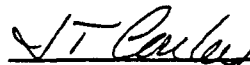
**ANNUAL REPORT OF
SHUT-IN WELLS
RED WASH UNIT
UINTAH COUNTY, UTAH**

**BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078**

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,


**J.T. CONLEY
AREA OPERATIONS SUPERVISOR**

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Buttram Energies, Inc.
6303 Waterford Boulevard, Suite 220
Oklahoma City, OK 73116

RECEIVED

FEB 18 1993

**DIVISION OF
OIL GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil ☐ Gas
☐ Well ☐ Well ☒ Other

2. Name of Operator
Chevron U.S.A. Inc.

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (901) 789 2442

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

515' FNL, 622' FWL, SEC. 25, T7S, R23E

RECEIVED

SEP 17 1993

DIVISION OF
OIL, GAS & MINING

5. Lease Designation and Serial No.
U-0823

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash Unit

8. Well Name and No.
RWU #281 (11-25B)

9. API Well No.
43-047-31078

10. Flow and Pool, or Exploratory Area
Red Wash-Grn. River

11. County or Parish, State
Uintah, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☒ Recompletion
☒ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The following work to recomplate the subject injector to a flowing gas producer was completed between 08/05-08/12/93: ✓

1. Cleaned out with bit and scraper to 5090'.
2. Set CIBP at 5050' and conducted MIT on casing. Tested to 550 PSI; good.
3. RIH with Lok-set packer. Set packer at 4272'.
4. Perforated the following zones with 3 JSPF: 4836-4842' (Ic), 4706-4716' (Hf), 4638-4650' (Hc), 4380-4386' (Gc), 4354-4364' (G).
5. Swab well down to 4200'. Slight gas flow and no liquid entry.
6. Temporarily left well shut-in until further evaluation.

14. I hereby certify that the foregoing is true and correct

Signed

Title

Date

09/15/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

for credit
10/29/93

ENTITY ACTION FORM - FORM 6

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
C	99996	05670	43-047-31078	RED WASH U 281 (11-25B)	NWNW	25	7S	23E	UINTAH		8-12-93
WELL 1 COMMENTS: *FR WIW TO SGW/RED WASH UNIT "BASAL GRRV P.A."											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

L. CORDOVA (DOGM)

Signature

ADMIN. ANALYST

10-14-93

Title

Date

Phone No. ()

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil

Gas

☐

Well

☐

Well

☒

Other

INJECTION WELL

2. Name of Operator

CHEVRON U.S.A. PRODUCTION COMPANY

3. Address and Telephone No.

11002 E. 17500 S. VERNAL, UT 84078-8526

Steve McPherson in Red Wash (801) 781-4310
or Gary Scott in Rangely, CO. (970) 675-3791

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

515' FNL & 622' FWL (NW NW) SECTION 25, T7S, R23E, SLBM

5. Lease Designation and Serial No.

U-0823

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

8. Well Name and No.

REDWASH UNIT 281 (11-25B)

9. API Well No.

43-047-31078

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☒

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☐

Other

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

PROPOSED P&A PROCEDURE:

1. MIRU. ND WH AND NU BOPE. HOT OIL AS NEEDED AND PULL TUBING STRING.
2. PU BIT AND SCRAPER AND CLEAN OUT TO ~4350'. TOH.
3. PERFORATION ISOLATION: SET CIBP AT 4300' AND DUMP BAIL 35' OF CLASS H CEMENT ON TOP. DISPLACE WELLBORE TO ~3500' WITH 9.2 PPG BRINE.
4. OIL SHALE INTERVAL, 3605-3810': CEMENT TOP IS AT 3270' BY CBL, SO SET BALANCED CEMENT PLUG ACROSS INTERVAL 3555-3860' USING ~65 SXS CLASS H CEMENT. CIRCULATE CLEAN AND DISPLACE WELLBORE TO ~2610' USING 9.2 PPG BRINE.
5. TOP OF GREEN RIVER FORMATION, 2670': PERFORATE AT 2720', SET CICR AT 2610' AND SQUEEZE ~40 SXS CLASS H CEMENT UNDER CICR. STING OUT, CIRCULATE CLEAN AND DISPLACE WELLBORE TO SURFACE USING 9.2 PPG BRINE.
6. SURFACE PLUG: PERFORATE AT 350', ESTABLISH CIRCULATION AROUND PRODUCTION/SURFACE CASING ANNULUS AND PUMP ~130 SXS CLASS H CEMENT TO FILL SAME.
7. CUT OFF WELLHEAD AND INSTALL MARKER PER BLM GUIDELINES.
8. RDMO. REHABILITATE LOCATION PER BLM GUIDELINES.

14. I hereby certify that the foregoing is true and correct

Signed G.D. SCOTT

Title DRILLING TECHNICIAN

Date

January 15, 1996

(This space for Federal or State office use)

Approved by:

Title

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY



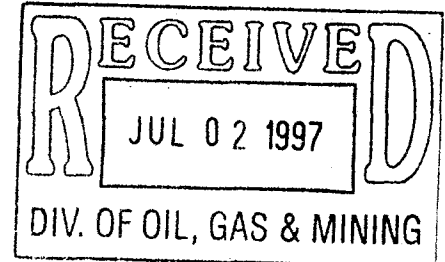
Chevron

JULY 1, 1997

**PLUGGING RECORD
RWU #281 (11-25B), EPA ID# UT02456
RED WASH UNIT
UINTAH COUNTY, UTAH**

**MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
EFT-T**

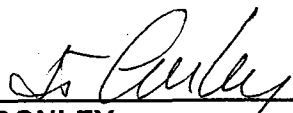
**Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
Red Wash Asset Team
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300**



Dear Mr. Carson:

The EPA Plugging Record and related documentation for the subject well is enclosed for your review. If you have any questions or need additional information, please contact Steven McPherson at 801-781-4310.

Sincerely,


**J. T. CONLEY
RED WASH ASSET TEAM LEADER**

Enclosure

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well Oil Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other WATER INJECTION WELL	5. Lease Designation and Serial No. U-0823
2. Name of Operator CHEVRON U.S.A. PRODUCTION COMPANY	6. If Indian, Allottee or Tribe Name N/A
3. Address and Telephone No 11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300	7. If Unit or CA, Agreement Designation RED WASH UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 515' FNL & 622' FWL (NW NW) SECTION 25, T7S, R23E, SLBM	8. Well Name and No. RED WASH UNIT 281 11-25B
	9. API Well No. 43-047-31078
	10. Field and Pool, or Exploratory Area RED WASH - GREEN RIVER
	11. County or Parish, State UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

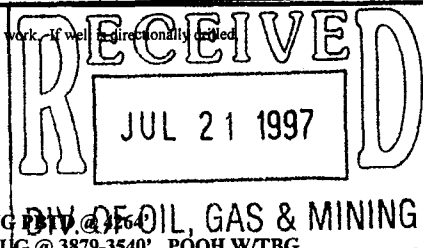
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other	<input type="checkbox"/> Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

THIS WELL WAS PLUGGED AND ABANDONED FROM 6/16/97 THROUGH 6/17/97 AS FOLLOWS:

- MIRU ND WELL HEAD
- POOH W/ 2 7/8 DETAIL. RIH WITH BIT & SCRAPER TO 4990'
- POOH W/BIT AND SCRAPER LAYING DOWN 26 JTS 2 7/8"
- RU CUTTERS & SET 7" CIBP @ 4300'. TEST PLUG AND CASING. DUMP BAAACK 36' CMT MAKING DIV @ 4164'
- RIH OPEN ENDED TO 4164'. POOH W/9 JTS TO 3879'. PUMP 70 SX CLASS H CMT AS BALANCE PLUG @ 3879-3540'. POOH W/TBG.
- RU CUTTERS & SHOOT 4 SQUEEZE HOLES @ 2720'. RIH W/CICR TO 2593' & INJECT INTO PERFS @ 2720' 1 BPM/550 PSI
- SET CICR @ 2593' TEST TBG & CSG OK. PUMP 85 SX CLASS H CMT
- RU CUTTERS & SHOOT 4 SQUEEZE HOLES @ 350'. WOULD NOT CIRC UP SURFACE
- SHOOT 4 SQUEEZE HOLES @ 275' WOULD NOT CIRC UP SURFACE PIPE. RITH W 12 JTS 2 7/8" TO 379'
- PUMP 110 SX CEMENT BRING CMT TO SURFACE FROM 379'
- POOH LAYING DOWN 12 JTS
- ND BOP'S & CLEAN OUT. CUT ONN TBG HEAD. FINN 7" CST & SURFACE PIPE W 30/SX CMT. (7" & SURFACE FILLED W/ CMT TO SURFACE
- PUT UP DRY HOLE MARKER. RDMO



14. I hereby certify that the foregoing is true and correct.

Signed D. C. TANNER Title COMPUTER SYSTEMS OPERATOR Date July 14, 1997

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

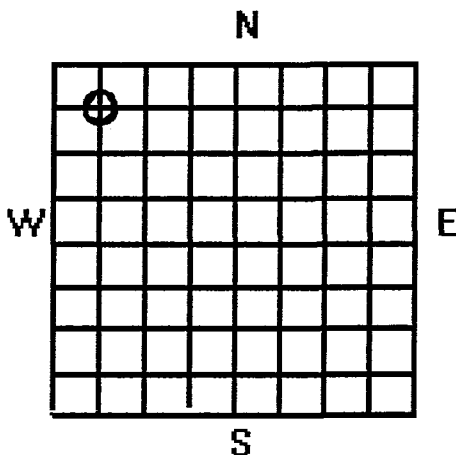
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING RECORD

NAME AND ADDRESS OF PERMITTEE
CHEVRON USA PRODUCTION CO., INC.
11002 EAST 17500 SOUTH
VERNAL, UT 84078-8526
801-781-4300NAME AND ADDRESS OF CEMENTING COMPANY
HALLIBURTON ENERGY SERVICES
1085 EAST MAIN
P.O. BOX 339
VERNAL, UT 84078 801-789-2550LOCATE WELL AND OUTLINE UNIT ON
SECTION PLAT -- 640 ACRESSTATE
UTAHCOUNTY
UINTAHPERMIT NUMBER
UT02456

SURFACE LOCATION DESCRIPTION

NW 1/4 OF NW 1/4 of 1/4 SECTION 25 TOWNSHIP 7S RANGE
23ELOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT
SurfaceLocation 515 ft. from (N/S) N Line of quarter section
and 622 ft. from (E/W) W Line of quarter section43047-31078
281 11-25B

TYPE OF AUTHORIZATION

- ☐ Individual Permit
☐ Area Permit
☒ Rule

Number of Wells 1

Lease Name RED WASH UNIT

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole.

CIRCULATED/PUMPED IN VIA TUBING IN
WELLBORE.

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL(FT)	TO BE LEFT IN ELL(FT)	HOLE SIZE
9-5/8"	36	NA	300'	12-1/4"
7"	23	NA	6051'	8-3/4"

WELL ACTIVITY METHOD OF EMPLACEMENT OF CEMENT PLUGS

- ☐ CLASS I ☒ The Balance Method
☒ CLASS II ☒ The Dump Bailer Method
☐ Brine Disposal ☒ The Two-Plug Method
☒ Enhanced Recovery ☐ Other
☐ Hydrocarbon Storage
☐ CLASS III

CEMENTING TO PLUG AND ABANDON DATA:				PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will Be Placed (inches)				7	7	7X8-3/4	7X9-5/8			
Depth to Bottom of Tubing or Drill Pipe (ft.)				4300	3879	2720	275			
Sacks of Cement To Be Used (each plug)				7.5	70	85	140			
Slurry Volume To Be Pumped (cu. ft.)				7.9	74.2	90.1	148.4			
Calculated Top of Plug (ft.)				4264	3540	2593	0			
Measured Top of Plug (if tagged ft.)										
Slurry Wt. (Lb./Gal.)				16.4	16.4	16.4	16.4			
Type Cement or Other Material (Class III)				H	H	H	H			

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS

From	To	From	To
REFER TO ATTACHED			

Signature of Cementer or Authorized Representative
SEE ATTACHED.Signature of EPA Representative
P&A OPERATIONS WITNESSED BY JAMIE SPARGER, BLM VERNAL
DISTRICT

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of that person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)
J. T. CONLEY
RED WASH ASSET TEAM LEADER

SIGNATURE

DATE SIGNED

**RED WASH UNIT #281 (11-25B)
515' FNL & 622' FWL
NWNW-SEC.25-T7S-R23E
UINTAH COUNTY, UTAH**

API#: 43-047-31078
LEASE NUMBER: U-0823
EPA PERMIT #: UT02456

KB ELEVATION: 5602'
GL ELEVATION: 5585'
TD: 6051'
PBTD: 5050'

CEMENT TOP: 3270' BY CBL

CASING DETAIL:

12-1/4" HOLE SIZE
9-5/8", 36#, K-55 @ 300' W/250 SX. CLASS H

8-3/4" HOLE SIZE
7", 23#, K-55 & N-80 @ 6051' W/1000 SX. CLASS H

PERFORATION DETAIL:

275'
2720'
4354-64' G
4380-86' Gc
4638-50' Hc
4706-16' Hf
4836-42' lc
5163-5170' Kb
5197-5209' Kc
5343-5365' Lb/Lc
5375-5397' Ld

RWU #281 (11-25B)

WELL HISTORY:

6/82: At completion, drilled out to 5966' PBTD and perforated per the above with 2 JSPF. Selectively broke down perforations and acidized with a total of 9000 gal. 15% HCl. Pumped scale inhibitor squeeze and ETP on rods.

10/82: Isolated perforations and established injection rates with no communication noted. Ran dual injection equipment with Model D packer at 5300' and Model A-5 packer at 5095'. Placed well on water injection.

8/91: Well failed MIT under EPA inspection.

8/93: Released and LD short string. Cut long string at 5075' and LD same. Cleaned out to TOF and set CIBP at 5050'. Pressure tested casing per EPA guidelines with no bleed off. Ran packer and set same at 4272'. Perforated 4354-4842' per above detail, with no change in well conditions. Swabbed, but had no liquid recovery with only a slight blow of gas. Overnight SITP = 250 psi. Swabbed ~2 bbl. water out of tubing and well started gassing at ~50-90 MCFD. Pulled packer and ran tubing with anchor per above detail. swabbed well dry down to PSN, had slight blow of gas on casing. ONSIP = 110 psi. Swabbed ~1 bbl. water, slight blow of gas, but well would not flow. Left well TA'd.

6/97: Cleaned out to 4990' with bit and scraper, then P&A'd as follows:

Plug #1: Set CIBP at 4300' and dump bailed 36' of cement on top, plug at 4264-4300'. Rolled hole with 9.2 ppg brine.

Plug #2: Set 70 sx. Class H balanced plug across interval 3540-3879'.

Plug #3: Perforated at 2740', set CICR at 2593', pumped 85 sx. Class H cement under retainer covering interval 2593-2740'.

Plug #4: Perforated at 275', circulated 110 sx. Class H down 7" around to surface in 7" X 9-5/8" annulus. Annular cement fell back down hole, filled same to surface with additional 30 sx. Class H.

Installed marker. Well P&A'd.

Geologic Markers:

Green River Top	2670'
Oil Shale Interval	3605-3810'

ACTUAL P&A WELLBORE DIAGRAM

FIELD: RED WASH UNIT
WELL: RWU #281 (11-25B)
LOC: 515' FNL, 622' FWL, NWNW-SEC. 25-T7S-R23E, SLB&M
UINTAH COUNTY, UTAH

API #: 43-047-31078
LEASE #: U-0823
EPA ID #: UT-02456

ELEVATIONS:

KB: 5602'
GL: 5585'

PLUG 4: 0-275',
PERF. 275', ~140 SX.
CLASS H.

PLUG 3: 2593-2740'
PERF. 2740', CIBC SET
AT 2593', SQUEEZED
W/85 SX. CLASS H.

PLUG 2: 3540-3879'
BALANCED PLUG,
70 SX. CLASS H.

PLUG 1: 4300-4264'
CIBC @ 4300' CAPPED
W/36' OF CLASS H.

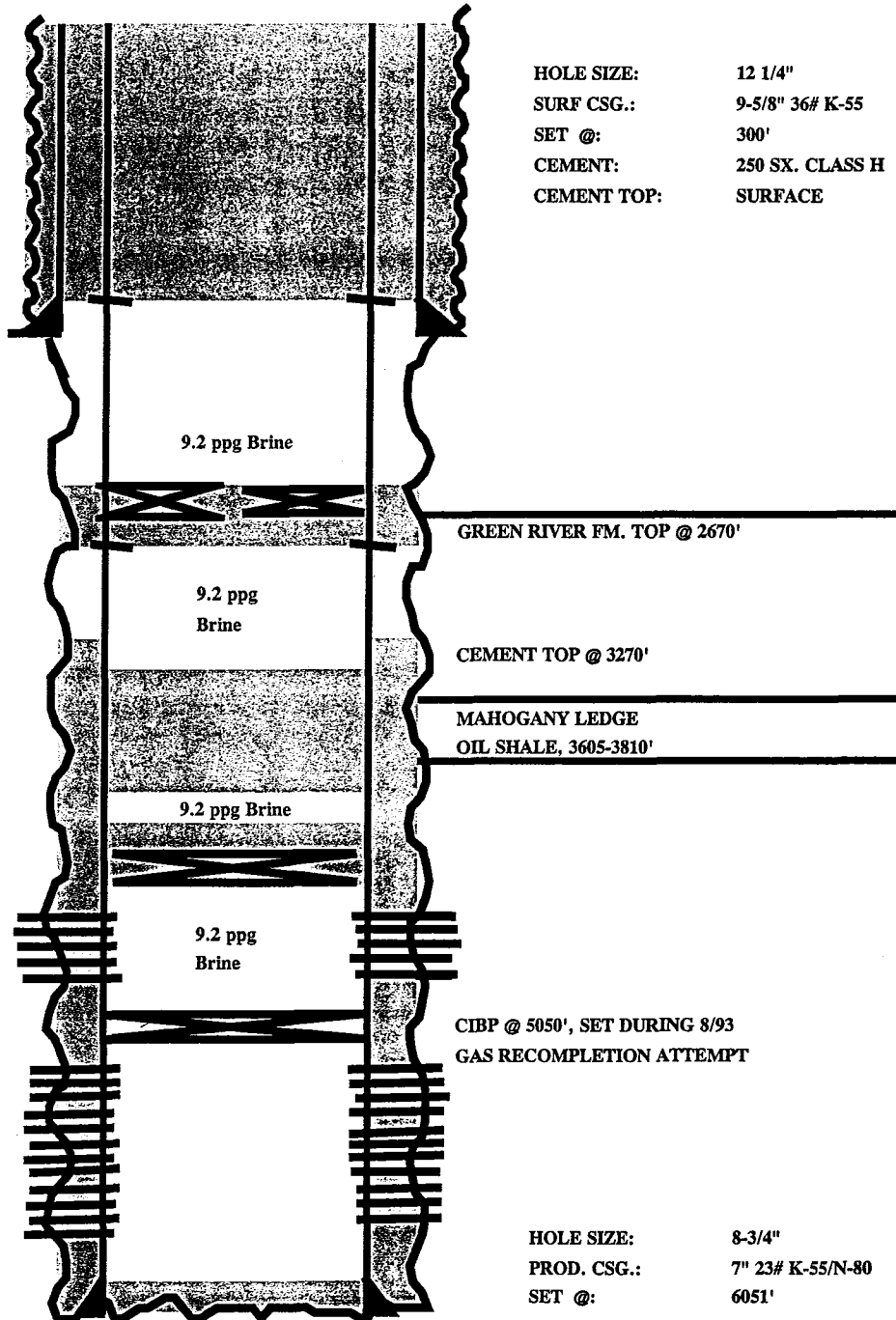
GAS RECOMPLETION PERFORATIONS:

4354' THRU 4842'
PER DETAIL

ORIGINAL INJECTION PERFORATIONS:

5163' THRU 5397'
PER DETAIL

PBTD: 5050'
TD: 6051'



HOLE SIZE: 12 1/4"
SURF CSG.: 9-5/8" 36# K-55
SET @: 300'
CEMENT: 250 SX. CLASS H
CEMENT TOP: SURFACE

HOLE SIZE: 8-3/4"
PROD. CSG.: 7" 23# K-55/N-80
SET @: 6051'
CEMENT: 1000 SX. CLASS H
CEMENT TOP: 3270' BY CBL

TICKET #

TICKET # 243045

TICKET DATE

TICKET DATE
6-17-97

REGION North America	NWA/COUNTRY	BDA / STATE Utah	COUNTY Dintan
MBLID / EMP # VFO106-72933	EMPLOYEE NAME John Q Torgensen	PSL DEPARTMENT 5001	
LOCATION 53685	COMPANY Chevron	CUSTOMER REP / PHONE	
TICKET AMOUNT 6087.29	WELL TYPE 01	API / UWI #	
WELL LOCATION Red Wash	DEPARTMENT 5001	JOB PURPOSE CODE 115	
LEASE / WELL # Red Wash 281	SEC / TWP / RNG 25 7S 23E		

HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS)	HRS
J. Jorgensen 72733	12	R Bhattacharya #15074	12	K Edwards 57028	12		

HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES	HES UNIT NUMBERS	R/T MILES
73131	60	52508-76125	60	3774-6441	60		

Form Name _____ Type: _____
 Form Thickness _____ From _____ To _____
 Packer Type _____ Set At _____
 Bottom Hole Temp. _____ Pressure _____
 Misc. Data _____ Total Depth _____

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY	MAKE
Float Collar		
Float Shoe		
Guide Shoe		
Centralizers		
Bottom Plug		
Top Plug		
Head		
Packer		
Other		

MATERIALS

Treat Fluid	Density	Lb/Gal
Disp. Fluid	Density	Lb/Gal
Prop. Type	Size	Lb.
Prop. Type	Size	Lb.
Acid Type	Gal.	%
Acid Type	Gal.	%
Surfactant	Gal.	In
NE Agent	Gal.	In
Fluid Loss	Gal/Lb	In
Gelling Agent	Gal/Lb	In
Fric. Red.	Gal/Lb	In
Breaker	Gal/Lb	In
Blocking Agent	Gal/Lb	
Perfpac Balls	Qty.	
Other		
Other		
Other		
Other		

	CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE	6-17-91	6-17-91	6-17-91	6-17-91
TIME	0430	0630	0750	1900

WELL DATA

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX ALLOW
Casing	✓	23	7	0	—	
Liner						
Liner						
Tbg/D.P.	✓	6.5	27/8	0	3877	
Tbg/D.P.						
Open Hole						SHOTS/FT.
Perforations						
Perforations						
Perforations						

HOURS ON LOCATION

[illegible]

OPERATING HOURS

DATE	HOURS
- / -	-
TOTAL	-

DESCRIPTION OF JOB

Yive well to
abandon as
directed by
Co.

HYDRAULIC HORSEPOWER

ORDERED	Avail.	Used
TREATED	Disp.	Overall
FEET	Reason	

CEMENT DATA

STAGE	SACKS	CEMENT	BULK/SKS	ADDITIVES	YIELD	LBS/GAL
1	20	Prem-	13	Neat	1.06	16.7
2	85	Prem	13	Neat	1.06	16.4
3	110	Prem	13	2% C.G. mixed on the side-	1.06	16.4
5	50	Prem	13	2% C.G. mixed on the side	1.06	16.4

Circulating _____	Displacement _____	Preflush: _____	Gal - BBI _____	Type _____
Breakdown _____	Maximum _____	Load & Bkdn: _____	Gal - BBI _____	Pad: BBI - Gal _____
Average _____	Frac Gradient _____	Treatment _____	Gal - BBI _____	Disp: BBI - Gal _____
Shut In: Instant _____	5 Min _____ 15 Min _____	Cement Slurr _____	Gal - BBI _____	
		Total Volume _____	Gal - BBI _____	

Frac Ring #1	Frac Ring #2
THE INFORMATION STATED HEREIN IS CORRECT	

~~CUSTOMER'S REPRESENTATIVE SIGNATURE~~



HALLIBURTON

JOB LOG

5

TICKET #

BDA / STATE

TICKET DATE

6-17-97

REGION North America	NWA/COUNTRY	BDA / STATE	COUNTY
MBU ID / EMP # 31922	EMPLOYEE NAME	PSL DEPARTMENT	
LOCATION	COMPANY	CUSTOMER REP / PHONE	
TICKET AMOUNT 6087.29	WELL TYPE	API / UWI #	
WELL LOCATION	DEPARTMENT	JOB PURPOSE CODE	
LEASE / WELL # Kearney 281	SEC / TWP / RNG 25 7S 23E		115

HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS	HES EMP NAME/EMP#/(EXPOSURE HOURS) HRS
31922	H 9074	Edwards 51028	

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL)(GAL)	PUMPS		PRESS. (psi)		JOB DESCRIPTION / REMARKS
				T	C	Tbg	Csg	
	0430							Called Out
	0630							On location
	0640							Rig Up + Safety Meeting
	0745		10			217		#1 Plug - 3879' 40' / 3540 Ft.
	0800		0			400		Pump 10 Bbls Fresh Ahead
	0805		13			210		Start cement 70 SKS, 16, 4#
	0805		2			350		Stop cmnt
	0828		18					Pump 2 Bbls Fresh
								Displace - Bring H ₂ O
								Pull up - End 1st Plug
	1030					500		Test Tool O.K.
	1050					500		Pump down casing to 10' Circulate
						500		Break - 10 BPM at 430 PST
	1140					1000		Test Tubing O.K.
	1143					500		Test Annulass O.K.
								2nd Plug - 2593'
	1153	2 1/2	10			200		Pump 10 Fresh Ahead
	1157	3	11			5		Pump 10 Bbls cmnt 85 SK 16, 4#
	1202	3	2			85		Pump 2 Fresh
	1206	3	10			80		Pump 10 Bring H ₂ O
	1206							String Out
								End 2nd Plug
	1526							Pump cannot determine
								Run in 400 ft + Tubing
	1704	3	2.1			50		Mix and Pump 110 SKS cmnt 16.4 2%
	1711	3	1			40		Flush 10 Bbls Behind
								Pull Tubing
	1820		5.5					Mix and pump 30 SKS cmnt 16.4 2%
	1900							End Job

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Gas

☐ Well ☐ Well ☒ Other MULTIPLE WELLS SEE ATTACHED LIST

2. Name of Operator

CHEVRON U.S.A. INC.

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(801) 781-4300

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

RED WASH UNIT

I-SEC NO 761

8. Well Name and No.

9. API Well No.

10. Field and Pool, or Exploratory Area

RED WASH - GREEN RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other CHANGE OF OPERATOR

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

☐

Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: Mitchell L. Solich
Mitchell L. Solich
President

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Signed A. E. Wacker

Title Assistant Secretary

Date 12/29/99

(This space for Federal or State office use)

Approved by: _____

Title _____

Date _____

Conditions of approval, if any _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

FEB 07 2000

DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU081	4304715152	24 (34-14B) RED WASH SWSE	14	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730344	240 (12-36B) RED WAS SWNW	36	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304730345	241 (22-14B) RED WAS SENW	14	T	7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304730346	242 (42-13B) RED WAS SENE	13	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730347	243 (42-18C) RED WAS SENE	18	T	7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02149	4304730348	244 (23-19C) RED WAS NESW	19	T	7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTSL071964	4304730349	245 (14-30C) RED WAS SWSW	30	T	7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU02148	4304730387	246 (22-18C) RED WAS SENW	18	T	7S	R24E	POW	CHEVRON U S A INCORPORATED
UTU02148	4304730388	247 (22-17C) RED WAS SENW	17	T	7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU02149	4304730389	248 (43-20C) RED WAS NESE	20	T	7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304716476	25 (23-23B) RED WASH NESW	23	T	7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTSL071965	4304730391	250 (41-29C) RED WAS NENE	29	T	7S	R24E	ABD	CHEVRON U S A INCORPORATED
UTU0559	4304730457	257 (21-23A) RED WAS NENW	23	T	7S	R22E	ABD	CHEVRON U S A INCORPORATED
UTU0559	4304730458	258 (34-22A) RED WAS SWSE	22	T	7S	R22E	WIW	CHEVRON U S A INCORPORATED
STATE	4304732785	259 SWSW	16	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715153	26 (23-22B) RED WASH NESW	22	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304732786	260 SWSE	16	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730517	262 (22-26B) RED WAS SENW	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730518	263 (24-26B) RED WAS SESW	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730519	264 (31-35B) RED WAS NWNE	35	T	7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304730520	265 (44-26B) RED WAS SESE	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304730521	266 (33-26B) RED WAS NWSE	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732981	267 SWNE	17	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304730522	269 (13-26B) RED WAS NWSW	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715154	27 (43-14B) RED WASH NESE	14	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731082	270 (22-35B) RED WAS SENW	35	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731081	271 (42-35B) RED WAS SENE	35	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731054	272 (44-23B) RED WAS SESE	23	T	7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU0566	4304731051	273 (42-27B) RED WAS SENE	27	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0823	4304731083	274 (13-25B) RED WAS NWSW	25	T	7S	R23E	P+A	CHEVRON U S A INCORPORATED
UTU0566	4304731077	275 (31-26B) RED WAS NENW	26	T	7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304731053	276 (44-27B) RED WAS SESE	27	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731076	278 (11-26B) RED WAS NWNW	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304731052	279 (11-36B) RED WAS NWNW	36	T	7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU081	4304715155	28 (43-22B) RED WASH NESE	22	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304731079	280 (11-35B) RED WAS NWNW	35	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0823	4304731078	281 (11-25B) RED WAS NWNW	25	T	7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU0566	4304731080	282(42-26B) RED WAS SENE	26	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0116	4304732982	283 NESE	18	T	7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU082	4304731476	284 (33-23B) RED WAS NWSE	23	T	7S	R23E	PGW	CHEVRON U S A INCORPORATED
UTU082	4304731477	285 (11-24B) RED WAS NWNW	24	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0567	4304731478	286 (42-21B) RED WAS SENE	21	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304731512	287 (44-13B) RED WAS SESE	13	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304731513	288 (24-27B) RED WAS SESW	27	T	7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU082	4304731517	289 (13-24B) RED WAS NWSW	24	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715156	29 (32-23B) RED WASH SWNE	23	T	7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304731515	290 (12X-23B) RED WA SWNW	23	T	7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304731516	291 (22X-23B) RED WA SENW	23	T	7S	R23E	ABD	CHEVRON U S A INCORPORATED
UTU082	4304731576	292 (42-23B) RED WAS SENE	23	T	7S	R23E	TA	CHEVRON U S A INCORPORATED

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	<input checked="" type="checkbox"/>	4-KAS	<input checked="" type="checkbox"/>
2. CDW	<input checked="" type="checkbox"/>	5-SJO	<input checked="" type="checkbox"/>
3. JLT		6-FILE	

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01-01-2000**FROM:** (Old Operator):

CHEVRON USA INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC

Address: 11002 E. 17500 S.

VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 257 (21-23A)	43-047-30457	5670	23-07S-22E	FEDERAL	OW	PA
RWU 287 (44-13B)	43-047-31512	5670	13-07S-23E	FEDERAL	OW	TA
RWU 27 (43-14B)	43-047-15154	5670	14-07S-23E	FEDERAL	OW	TA
RWU 259	43-047-32785	5670	16-07S-23E	STATE	OW	P
RWU 267	43-047-32981	5670	17-07S-23E	FEDERAL	OW	P
RWU 286 (42-21B)	43-047-31478	5670	21-07S-23E	FEDERAL	OW	P
RWU 26 (23-22B)	43-047-15153	5670	22-07S-23E	FEDERAL	OW	TA
RWU 260	43-047-32786	5670	22-07S-23E	STATE	OW	P
RWU 28 (43-22B)	43-047-15155	5670	22-07S-23E	FEDERAL	OW	P
RWU 272 (44-23B)	43-047-31054	5670	23-07S-23E	FEDERAL	GW	P
RWU 284 (33-23B)	43-047-31476	5670	23-07S-23E	FEDERAL	GW	TA
RWU 285 (11-24B)	43-047-31477	5670	24-07S-23E	FEDERAL	OW	P
RWU 274 (13-25B)	43-047-31083	5670	25-07S-23E	FEDERAL	WI	PA
RWU 281 (11-25B)	43-047-31078	5670	25-07S-23E	FEDERAL	OW	PA
RWU 262 (22-26B)	43-047-30517	5670	26-07S-23E	FEDERAL	GW	S
RWU 278 (11-26B)	43-047-31076	5670	26-07S-23E	FEDERAL	GW	TA
RWU 282 (42-26B)	43-047-31080	5670	26-07S-23E	FEDERAL	GW	S
RWU 288 (24-27B)	43-047-31513	5670	27-07S-23E	FEDERAL	OW	TA
RWU 273 (42-27B)	43-047-31051	5670	27-07S-23E	FEDERAL	OW	TA
RWU 276 (44-27B)	43-047-31053	5670	27-07S-23E	FEDERAL	OW	TA
RWU 270 (22-35B)	43-047-31082	5670	35-07S-23E	FEDERAL	OW	P
RWU 280 (11-35B)	43-047-31079	5670	35-07S-23E	FEDERAL	OW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on:12-30-19992. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on:08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08-23-2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted on: _____

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 09/20/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 09/20/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.2.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:
